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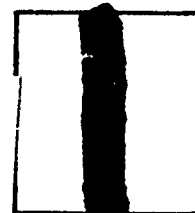
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

KUNSAN AB KO WBAN #43219
N 35 54 E 126 37 FLD ELEV 29 FT RKJK WMO #47141

PARTS A-F

POR FROM HOURLY OBS: MAR 68 - DEC 70, JAN 73 - FEB 80

POR FROM DAILY OBS: AUG 51 - FEB 80

TIME CONVERSION GMT TO LST: +9

MAY 01 1981

FEDERAL BUILDING

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLON, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burghmann

WALTER S. BURGHMANN
AWS Scientific and technical
Information Officer (STINFO)

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ADP 850 084

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-81/053	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- KUSAN AB, KOREA		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 1 MAY 81
		13. NUMBER OF PAGES 389
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		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES SKY COVER AND SEA LEVEL PRESSURE DATA ARE NOT AVAILIABLE THIS DOCUMENT SUPERSEDES THE RUSSWO DATED 27 OCT 77		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for KUSAN AB, KOREA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* KOREA * KUSAN AB, KOREA
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations. 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
43219	KUNSAN AB KOREA	N 35 54	E 126 37	29	RKJK	47141

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARD.	
1	Kunsan AB Korea	AB	Apr 51	Mar 58	N 35 55	E 126 37	43 ft	33 ft	24
2	Same	Same	Apr 58	Mar 60	N 35 54	Same	Same	N/A	24
3	Same	Same	Apr 60	Mar 61	Same	Same	Same	45 ft	24
4	Same	Same	Apr 61	Sep 63	N 35 55	Same	Same	Same	24
5	Same	Same	Oct 63	Oct 66	N 35 53	E 126 36	Same	28 ft	24
6	Same	Same	Nov 66	Mar 67	N 35 54	E 126 37	Same	Same	24
7	Same	Same	Apr 67	May 77	Same	Same	49 ft	Same	24
8	Same	Same	Jun 77	Mar 81	Same	Same	29 ft	32 ft	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 51	Located on a raised platform behind base operations.	GMQ-1A	ML-204B	24 ft	
2	Mar 54	Located on top of operations bldg.	GMQ-1	Same	22 ft	
3	Apr 55	Located on roof of weather station	Same	Same	15 ft	
4	Apr 56	Located on an elevated platform	Same	N/A	15 ft	
5	Apr 57	Located on top of bldg 900	Same	Same	20 ft	
6	Apr 58	Same	Same	ML204-B	Same	
7	Mar 59	Located 20 ft NE of ROS	Same	N/A	15 ft	
8	Apr 60	Located 20 ft NE of ROS	GMQ-1A	ML204-13	15 ft	
9	Apr 61	Located on top of ROS	GMQ-1	Same	25 ft	

USAFETAC

FORM NOV 73

O-19 (CL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTINUED ON REVERSE SIDE

NUMBER OF ACTION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
0	Apr 62	1. Located on top of ROS 2. Located on top of tower	Same Same	Same Same	Same 83 ft	
1	Apr 63	Located on top of ROS	Same	Same	25 ft	
2	Oct 63	Located 500 ft E of rnwy 35-17, centered 750 ft N taxiway #2	GMQ-11	RO-2	13 ft	
3	Oct 66	Located 700 ft from approach end of rnwy 35, 400 ft E of rnwy 35-17	Same	Same	Same	
4	Apr 67	Located 750 ft N from approach end of rnwy 35 and 500 ft E of rnwy	Same	Same	10 ft	
5	Apr 69	Located 750 ft N from approach end of rnwy 35 and 480 ft E of rnwy	Same	Same	13 ft	
6	Jul 70	1. Located 750 ft from approach end of rnwy 35 and 500 ft E of rnwy	Same	Same	Same	
7	Jan 71	1. Same 2. Same	GMQ-20 Same	RO-362	Same	
8	May 77	1. Same 2. Same	Same Same	Same	Same	
9	Mar 81	1. Located 750 ft N from approach end of rnwy 36 and 500 ft E of rnwy	Same	Same	Same	
		2. Located 1400 ft S from approach end of rnwy 18 and 500 ft E of rnwy	Same	Same	Same	

U S AIR FORCE
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219 KUNSAN AB KO 69-70,73-80 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		3.2		15.7		18.7	9.6	9.0	.3	.1	19.0	927
	03-05		3.0		14.8		17.2	11.8	7.3	.4		19.5	927
	06-08		2.0		13.7		15.7	16.4	7.6	.3		24.3	927
	09-11		2.3		12.0		14.0	14.8	15.6	.1		30.5	930
	12-14		3.3		8.7		12.0	3.3	15.4	.3		19.0	930
	15-17		4.8		9.0		13.7	1.2	11.3	.9		13.3	930
	18-20		4.1		11.3		15.2	4.0	10.3	.5		14.8	930
	21-23		4.1		12.5		15.8	7.0	7.8	.6	.1	15.6	930
TOTALS			3.4		12.2		15.3	8.5	10.5	.4	.0	19.5	7431

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB KO

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02		5.0		9.3		14.1	10.9	6.3	.1	.4	17.6	846
	03-05		6.4		9.0		15.1	11.5	4.5			16.0	846
	06-08		7.4		7.9		15.1	16.3	4.4	.1	.2	21.0	846
	09-11		6.0		7.4		13.4	12.2	11.7		.7	24.6	846
	12-14		5.0		6.1		11.0	3.5	10.8		.7	15.0	846
	15-17	.1	5.4		6.1		11.5	2.1	8.7	.2	.8	11.9	846
	18-20		5.9		7.3		12.9	4.6	7.9	.4	.9	13.9	846
	21-23		6.5		7.4		13.8	7.7	7.4		.7	15.8	846
TOTALS		.0	6.0		7.6		13.4	8.6	7.7	.1	.6	17.0	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB KO

68-70,73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		5.2		2.0		7.2	9.6	5.2			14.8	927
	03-05		5.9		1.1		7.0	13.8	4.9		.3	19.0	927
	06-08	.2	6.6		.9		7.4	23.1	5.9		.4	29.4	927
	09-11		5.6		1.0	.1	6.7	12.8	14.1		.3	27.2	929
	12-14		6.2		.6		6.9	3.2	8.8		.6	12.7	930
	15-17		6.5		1.1		7.5	2.8	7.2		.4	10.4	930
	18-20		5.2		1.3		6.5	5.5	6.3		.2	12.0	930
	21-23		4.7		1.6		6.3	6.3	5.3			11.6	930
TOTALS		.0	5.7		1.2	.0	6.9	9.6	7.2		.3	17.1	7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219 KUNSAN AB KO 68-70,73-79 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		10.8				10.8	9.0	5.7		.4	15.1	900
	03-05		12.6				12.6	13.7	5.9		.6	20.1	900
	06-08		11.4				11.4	18.6	8.4		.6	27.6	900
	09-11		9.9				9.9	8.2	9.7		1.0	18.9	900
	12-14		11.3				11.3	3.3	7.0		.8	11.1	900
	15-17	.1	10.7				10.7	3.6	5.2		1.7	10.4	900
	18-20	.1	10.9		.2		11.1	4.1	5.7		1.4	11.2	900
	21-23	.3	10.9				10.9	6.4	4.7		1.2	12.3	900
TOTALS		.1	11.1		.0		11.1	8.4	6.5		1.0	15.8	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB KO

68-70,73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.2	8.1				8.1	10.2	2.4			12.6	930
	03-05	.2	8.8				8.8	17.2	2.4			19.6	929
	06-08	.2	8.3				8.3	22.8	5.2			28.0	930
	09-11	.3	9.8				9.8	8.3	9.5			17.7	930
	12-14		9.8				9.8	4.6	6.1			10.8	930
	15-17		8.6				8.6	3.4	4.4			7.8	930
	18-20		8.6				8.6	5.6	4.0			9.6	930
	21-23		7.8				7.8	7.0	3.3			10.3	930
TOTALS		.1	8.7				8.7	9.9	4.7			14.6	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB KO

68-70,73-79

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02	.4	11.0				11.0	12.9	8.8			21.7	899
	03-05	.8	11.7				11.7	23.7	8.9			32.6	900
	06-08	.4	11.2				11.2	28.3	7.8			36.1	900
	09-11	.1	8.8				8.8	11.6	16.4			27.9	899
	12-14	.1	8.8				8.8	4.3	13.9			18.2	900
	15-17	.6	8.6				8.6	5.4	9.3			14.8	900
	18-20	.2	8.7				8.7	6.8	7.3			14.1	900
	21-23	.3	10.9				10.9	11.7	7.2			18.9	900
TOTALS		.4	10.0				10.0	13.1	10.0			23.0	7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB KO

68-70,73-79

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.9	13.9				13.9	8.8	8.1			16.9	930
	03-05	1.0	13.2				13.2	18.0	5.5			23.4	930
	06-08	.4	14.2				14.2	24.4	4.8			29.2	930
	09-11	.8	13.9				13.9	7.7	12.5			20.2	930
	12-14		12.8				12.8	1.5	9.9			11.4	930
	15-17	.6	10.9				10.9	1.8	6.7			8.5	930
	18-20	.4	9.7				9.7	4.1	6.0			10.1	930
	21-23	.5	11.8				11.8	5.8	7.1			12.9	930
TOTALS		.6	12.6				12.6	9.0	7.6			16.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219 KUNSAN AB KO

68-70, 73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.4	8.6				8.6	4.7	6.8			11.5	930
	03-05	.4	8.9				8.9	10.8	7.5			18.3	930
	06-08	1.1	7.8				7.8	20.3	8.0			28.3	930
	09-11	.5	7.4				7.4	6.2	12.0			18.3	930
	12-14	.5	7.4				7.4	.5	7.3			7.8	930
	15-17	.9	6.8				6.8	.1	4.5			4.6	930
	18-20	.3	6.5				6.5	.6	5.5			6.1	930
	21-23	.4	8.3				8.3	2.3	5.4			7.6	930
TOTALS		.6	7.7				7.7	5.7	7.1			12.8	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB KO

68-70,73-79

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
SEP	00-02		7.1				7.1	6.3	3.6			9.9	900
	03-05	.2	8.4				8.4	16.1	3.6			19.7	900
	06-08	.1	8.1				8.1	30.7	2.6			33.3	899
	09-11	.2	7.7				7.7	11.6	6.6			18.1	899
	12-14	.3	8.4				8.4	.9	3.6			4.4	900
	15-17	.2	10.6				10.6	.1	2.0			2.1	900
	18-20		9.2				9.2	.9	.9			1.8	900
	21-23	.1	6.3				6.3	1.9	1.7			3.6	900
TOTALS		.1	8.2				8.2	8.6	3.1			11.6	7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB XO

68-70,73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (I.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		4.9				4.9	13.7	3.3			17.0	930
	03-05	.3	8.1			.1	8.2	18.2	3.1			21.3	930
	06-08	.1	8.2				8.2	26.9	3.0			29.9	930
	09-11		6.7				6.7	12.7	11.8			24.5	929
	12-14	.1	5.6				5.6	1.5	7.6			9.1	930
	15-17	.1	6.6				6.6	.3	3.3			3.7	930
	18-20		4.7				4.7	.9	4.8			5.7	930
	21-23		3.9				3.9	4.8	3.2			8.1	930
TOTALS		.1	6.1			.0	6.1	9.9	5.0			14.9	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB KO

68-70,73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	6.1		3.9	.1	9.9	12.3	2.6			14.9	900
	03-05		5.8		4.1		9.9	14.5	1.1			15.6	899
	06-08	.2	7.2		4.6		11.3	20.3	2.6			22.9	900
	09-11	.2	6.0		4.6		10.3	14.8	7.6			22.3	900
	12-14	.1	6.2		3.0	.1	8.7	3.9	8.3			12.2	900
	15-17	.1	7.1		2.6	.3	9.5	2.0	6.0			8.0	899
	18-20	.2	7.2		2.6	.1	9.6	3.6	5.7			9.2	900
	21-23	.2	5.6		3.2	.1	8.8	6.5	5.1			11.6	899
TOTALS		.1	6.4		3.6	.1	9.8	9.7	4.9			14.6	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219

KUNSAN AB KO

68-70,73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		3.5		10.0		13.1	13.8	8.5	.1		22.4	930
	03-05		6.1		11.3		17.2	15.1	6.1	.1		21.3	930
	06-08		5.1		10.4		15.3	19.4	5.5	.3	.1	25.3	930
	09-11		5.7		10.8		16.3	16.1	15.3	.1	.3	31.8	930
	12-14		4.5		8.6		13.0	5.4	15.1		.3	20.8	930
	15-17	.1	3.4		9.6		12.8	2.8	7.9	.1	.1	10.9	929
	18-20		2.8		8.5		10.9	5.3	9.5			14.7	930
	21-23		2.0		8.6	.1	10.2	6.7	8.5			15.2	930
TOTALS		.0	4.1		9.7	.0	13.6	10.6	9.6	.1	.1	20.3	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

43219 KUNSAN AB KO

68-70,73-80

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		3.4		12.2		15.3	8.5	10.5	.4	.0	19.5	7431
FEB		.0	6.0		7.6		13.4	8.6	7.7	.1	.6	17.0	6768
MAR		.0	5.7		1.2	.0	6.9	9.6	7.2		.3	17.1	7430
APR		.1	11.1		.0		11.1	8.4	6.5		1.0	15.8	7200
MAY		.1	8.7				8.7	9.9	4.7			14.6	7439
JUN		.4	10.0				10.0	13.1	10.0			23.0	7198
JUL		.6	12.6				12.6	9.0	7.6			16.6	7440
AUG		.6	7.7				7.7	5.7	7.1			12.8	7440
SEP		.1	8.2				8.2	8.6	3.1			11.6	7198
OCT		.1	6.1			.0	6.1	9.9	5.0			14.9	7439
NOV		.1	6.4		3.6	.1	9.8	9.7	4.9			14.6	7197
DEC		.0	4.1		9.7	.0	13.6	10.6	9.6	.1	.1	20.3	7439
TOTALS		.2	7.5		2.9	.0	10.3	9.3	7.0	.1	.2	16.5	87619

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXX **WEATHER CONDITIONS**
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

43219 KUNSAN AB KC 51-8C ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.1	18.0	.1	45.3		55.6	35.2	36.6	10.1		57.1	899
FEB		.2	21.5		32.1	.1	48.0	38.7	34.4	3.7		53.2	820
MAR		.5	30.3	.1	11.5	.1	36.9	45.2	31.2	.8		52.9	868
APR		1.7	37.7		1.0		38.2	46.8	28.3	.1	.5	56.4	840
MAY		2.1	35.5				35.5	44.4	19.4		.1	48.8	868
JUN		4.9	45.3				45.3	58.2	25.9		.1	63.4	839
JUL		9.9	56.2				56.2	55.1	23.0		.2	60.3	868
AUG		7.6	43.8				43.8	39.2	19.2		.1	44.9	897
SEP		4.0	37.1				37.1	41.0	13.8			43.7	870
OCT		1.9	27.4		.2	.3	27.4	37.0	17.0			40.6	899
NOV		1.8	40.8	.1	12.5	.6	46.7	37.5	19.8	.2		42.1	870
DEC		.4	28.9	.1	33.6	.8	51.7	37.7	32.8	3.4		52.2	899
TOTALS		2.9	35.2	.0	11.3	.2	43.5	43.0	25.1	1.5	.1	51.3	10437

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

0 PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

B

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

43219

KUNSAN AB KO

51-80

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-03	04-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	42.9	22.9	4.2	7.5	5.8	9.1	4.9	2.1	.6					34.1	899	1.90	4.79	.30
FEB	50.7	20.2	3.3	7.3	4.5	7.3	3.4	2.4	.7					29.0	820	1.64	4.96	.04
MAR	62.0	17.3	1.5	5.2	2.1	3.2	3.3	2.5	2.8	.1				20.7	868	2.47	9.23	.20
APR	60.7	11.3	2.6	4.1	2.7	3.7	4.5	5.1	4.5	.7				28.0	839	4.62	9.30	.88
MAY	63.1	11.5	2.5	4.7	2.4	3.8	3.6	4.5	3.5	.3				25.4	867	3.83	8.63	.39
JUN	53.2	16.9	1.5	4.8	3.2	5.7	4.1	4.5	5.2	.8				29.9	839	5.08	12.81	1.09
JUL	41.9	16.2	2.0	5.9	3.8	5.4	7.0	7.6	7.2	2.5	.5			41.9	866	9.89	21.96	2.90
AUG	54.8	13.2	2.7	3.7	3.5	5.2	4.7	4.7	5.1	2.0	.4			32.1	889	7.45	14.67	1.08
SEP	61.3	10.2	1.8	4.9	2.1	4.6	4.6	5.1	4.1	.9	.3			28.5	870	5.49	14.10	.04
OCT	71.4	8.7	1.8	3.9	2.4	3.6	3.7	3.1	1.1	.3				19.9	899	2.14	5.07	.04
NOV	52.6	16.1	2.2	6.6	3.9	8.0	6.2	3.6	.8					31.3	870	2.34	9.63	.62
DEC	47.5	19.4	3.7	8.3	6.5	6.5	5.1	2.9	.2					33.1	899	1.93	3.83	.76
ANNUAL	55.2	15.3	2.5	5.6	3.6	5.5	4.6	4.0	3.0	.6	.1			29.5	10425	8.78		

1210 WS FORM
JUL 64 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

43219 KUNSAN AB KO
STATION NAME

51-80
YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51									* 1.95	1.91	.69	.63	.47	
52		.30	.25	1.12	1.13	1.09	.55	.71	3.86	1.43	.75	.85	.37	3.86
53		.27	.50	1.54	.96	.99	2.10	5.01	3.25	1.07	.52	.58	.34	5.01
54		.06	1.62	.54	1.17	1.46	1.24	5.26	3.88	1.58	1.62	.50	.90	5.26
55		.34	.38	.38	.76	.20	.61	2.78	2.51	1.20	.83	1.90	.53	2.78
56		.75	.19	1.51	2.94	1.84	1.27	2.17	2.07	5.82	.45	.46	.28	5.82
57		.53	.73	.09	1.15	1.64	.97	2.94	1.11	.04	1.51	1.76	1.25	2.94
58		1.61	.14	.70	3.24	.61	1.97	3.69	2.97	3.66	.73	.45	.56	3.69
59		.56	1.38	1.30	2.49	1.38	.38	2.43	3.66	3.45	.31	.60	.87	3.66
60		.32	.03	.89	1.32	1.99	3.67	2.08	.58	1.82	.59	.51	.96	3.67
61		.52	.63	1.75	1.82	1.94	1.79	2.71	2.55	1.60	2.77	.79	.95	2.77
62		.53	.38	1.25	.90	.84	2.98	2.01	1.76	2.71	.79	.33	.53	2.98
63		.78	.15	1.41	.80	2.91	3.75	3.31	2.03	.60	.36	.54	.15	3.75
64		.41	.91	1.03	2.83	3.26	.83	2.99	.29	8.22	.70	.57	.23	8.22
65		.79	.81	.22	1.36	.32*	2.07	2.57	2.42	.47	.54	.91	.43	2.57
66		.12	.58	1.55	1.21	.95	3.12	3.11	2.53	1.51	1.87	.42	.87	3.12
67		.32	.81	.99*	.97*	.97	2.46	1.77	5.83	.71	.67	.95	.87	5.83
68		.76	.18	1.00	.82	.81	1.07*	1.06	1.96	1.48	2.67	.67	.98	2.67
69		1.51	.89	.27	2.22	2.21	1.10	1.79	3.60	2.50	.04	.61	.41	3.60
70		.48	1.42	.27	1.60	1.50	1.87	1.88	3.04	3.43	1.25	.58	.37	3.43
71		1.93	.47	2.02	1.35	2.34	1.89	3.17	3.15	5.78	1.02	.50	.49	5.78
72		.69	.37	2.81	2.09	1.68	1.81*	3.45	3.71	1.30	.75	1.47	.50	3.71
73		1.32	.35	.21	1.35	2.50	3.48	2.65	5.57	1.50	.74	.31	.89	5.57
74		.89	.68	1.08	4.31	2.21	1.30	4.36	7.87	1.10	3.30	1.07	.66	7.87
75		.17	.20	1.26	3.60	1.69	2.38	3.86	1.83	4.33	1.44	.98	.92	4.33
76		.63	1.24	.43	2.09	.87	1.13	.98*	2.40	2.04	1.16	.45	.61	* 2.40
77		.25	.55	.47	2.65	.97	1.41	1.99	2.45	.95	.27	1.82	.46	2.65
78		.37	.76	1.31	.45	.39	2.69	6.93	3.49	.52	2.31	.24	.49	6.93
79		.49	1.91	1.24	1.89	1.78	3.10	1.81	7.60	4.49	.18	.74	1.27	7.60
80		.47	.55											
MEAN		.627	.657	1.023	1.796	1.495	1.886	2.883	3.169	2.318	1.063	.765	.642	4.578
S D		.452	.474	.630	.969	.783	.991	1.367	1.816	1.902	.825	.448	.297	1.745
TOTAL OBS		899	820	868	839	867	839	866	889	870	899	870	899	10425

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

43219 KUNSAN AB KO

51-80

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51								* 4.51	3.95	1.86	3.82	1.80	
52	.49	.74	2.53	2.98	1.80	1.45	2.91	12.32	6.38	1.85	1.76	1.04	36.25
53	.65	.98	2.95	1.79	3.31	9.07	12.30	7.97	1.55	1.95	1.25	1.21	44.98
54	.30	3.24	.82	2.73	4.80	5.96	20.24	5.90	4.33	2.90	.85	3.08	55.15
55	1.26	.65	1.04	2.65	.65	1.90	9.14	4.76	3.64	1.53	2.95	.87	31.04
56	2.49	.67	8.53	7.19	5.82	6.98	5.90	3.34	10.44	.91	.85	.78	53.90
57	1.88	1.52	.20	5.77	4.08	1.73	14.22	4.28	.04	2.38	2.01	3.27	41.38
58	4.79	.39	.87	7.49	1.14	3.25	12.76	12.02	10.20	2.57	1.34	1.46	58.28
59	2.48	4.27	3.27	6.60	2.80	1.72	9.33	14.67	7.19	.51	1.22	2.68	56.74
60	1.44	.04	1.40	2.50	5.11	7.78	3.96	2.08	4.62	1.37	1.92	2.08	34.30
61	1.23	1.05	3.38	4.60	3.90	5.65	7.39	4.79	4.17	4.44	2.40	2.92	45.92
62	1.05	.68	1.34	2.89	.86	5.41	6.56	6.24	9.33	1.48	1.20	1.61	38.65
63	4.68	.42	1.56	3.99	8.63	12.81	10.92	3.68	1.30	.89	1.55	.77	51.20
64	.85	2.62	1.86	8.96	5.67	1.93	10.12	1.08	14.10	1.67	2.71	.76	52.33
65	1.87	1.56	.57	2.66	1.05*	2.40	14.72	6.41	.47	1.62	3.01	1.92	*38.26
66	.35	1.58	5.39	2.01	3.49	4.28	9.39	9.28	3.90	4.32	1.72	1.65	47.36
67	1.72	1.07	2.63*	1.89*	1.42	7.23	5.26	7.88	1.67	.74	3.38	3.83	*38.72
68	1.63	1.15	2.67	1.77	1.54	1.09*	3.73	6.07	2.68	4.35	2.57	2.25	*31.50
69	4.67	2.24	.85	9.04	6.14	2.01	7.61	11.32	12.44	.04	2.44	1.71	60.51
70	.68	2.81	.29	3.61	4.77	5.69	6.93	10.83	10.12	4.55	1.59	.90	52.77
71	4.38	2.20	2.68	2.86	4.05	8.58	7.28	8.09	9.42	1.40	1.91	1.89	54.74
72	3.15	1.34	9.23	3.27	5.56	3.35*	9.63	9.30	3.16	1.68	9.63	1.46	*60.76
73	3.15	1.26	.28	4.74	5.51	4.78	5.77	10.02	4.96	2.69	1.61	3.16	47.93
74	1.06	1.76	2.16	9.30	8.48	3.80	21.96	11.66	1.91	5.07	1.65	1.53	70.34
75	.82	.68	3.69	7.36	5.05	5.35	18.96	2.47	9.67	2.44	1.77	3.54	61.80
76	2.13	4.96	.99	5.46	2.23	3.83	2.90*	8.28	2.48	2.41	2.16	3.07	*40.90
77	.68	.85	1.96	7.26	2.94	1.71	3.80	5.01	1.00	.31	5.06	1.14	31.72
78	1.12	1.59	2.51	.88	.39	9.82	19.77	5.46	1.54	3.86	.62	1.43	48.99
79	1.23	3.70	3.54	4.43	3.64	9.99	7.14	14.32	12.45	.24	2.88	2.04	65.60
80	3.00	1.50											
MEAN	1.904	1.639	2.471	4.622	3.830	5.080	9.894	7.454	5.487	2.140	2.339	1.926	49.647
S D	1.368	1.198	2.193	2.483	2.220	3.128	5.517	3.766	4.125	1.407	1.701	.908	10.624
TOTAL OBS	899	820	868	839	867	839	866	889	870	899	870	899	10425

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FOR
JUL 14

0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

43219 KUNSAN AB KO

51-80

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	.02-.03	.04-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	55.4	19.5	7.1	8.7	3.8	1.9	1.4	1.4	.8					25.1	899	13.0	48.2	1.2
FEB	67.6	17.6	5.5	6.3	2.1	.2	.4	.4						14.9	820	4.2	13.1	.0
MAR	89.7	7.9	1.1	.8	.2	.2								2.4	837	.6	3.0	.0
APR	99.2	.7	.1											.1	840	TRACE	.2	.0
MAY	100.0														868	.0	.0	.0
JUN	100.0														839	.0	.0	.0
JUL	100.0														867	.0	.0	.0
AUG	100.0														889	.0	.0	.0
SEP	100.0														870	.0	.0	.0
OCT	99.8	.1		.1										.1	898	TRACE	.5	.0
NOV	88.2	7.8	.6	.7	1.4	.6	.2	.3	.2					4.0	870	3.0	21.4	.0
DEC	66.7	17.5	4.3	3.9	2.6	1.3	1.4	.8	1.1	.3				15.8	899	11.3	47.9	TRACE
ANNUAL	88.9	5.9	1.6	1.7	.8	.3	.3	.2	.2	.0				5.2	10396	32.1		

1210 WS FORM
JUL 64 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

43219

KUNSAN AB KO

51-80

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV	DEC.	ALL MONTHS
51								*	.0	.0	.0	1.9	4.7
52	1.0	2.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.4
53	3.6	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.6
54	.5	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	9.0	9.0
55	3.4	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	3.4
56	7.8	1.5	2.1	.0	.0	.0	.0	.0	.0	.0	1.9	2.5	7.8
57	3.1	3.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	7.2	7.2
58	9.3	1.1	.4	.0	.0	.0	.0	.0	.0	TRACE	.0	.1	9.3
59	3.7	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.6
60	3.2	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	2.4	4.2	14.2
61	5.6	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	5.6
62	5.6	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	3.3	5.6
63	7.8	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.8
64	1.5	1.3	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.9	1.5
65	7.9	5.5	TRACE	TRACE	.0*	.0	.0	.0	.0	.0	1.0	4.6	
66	1.3	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	5.4	10.9	10.9
67	6.8	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.4	10.2	10.2
68	7.7	2.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	8.4	8.4
69	6.0	2.3	3.0	TRACE	.0	.0	.0	.0	.0	.0	2.4	6.9	6.9
70	5.5	1.7	.2	.0	.0	.0	.0	.0	.0	.0*	.0	2.2	5.5
71	5.2	2.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.2
72	1.0	.8	2.6	TRACE	.0	.0*	.0	.0	.0	.0	.0	6.6	6.6
73	3.2	TRACE	1.9	.0	.0	.0	.0	.0	.0	.0	TRACE	9.9	9.9
74	.7	4.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	4.2
75	1.7	1.6	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1	5.1
76	6.3	.2	TRACE	.0	.0	.0	.0	.0*	.0	.0	.0	3.4	10.8
77	4.1	5.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.8
78	8.2	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.5	2.1	8.2
79	3.6	4.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	7.4	7.4
80	4.3	5.5											
MEAN	4.47	1.92	.47	.01	.00	.00	.00	.00	.00	.02	1.75	4.80	6.88
S D	2.577	1.721	.872	.037	.000	.000	.000	.000	.000	.094	2.147	3.935	2.930
TOTAL OBS	899	820	837	840	868	839	867	889	870	898	870	899	10396

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

43219 KUNSAN AB KO

51-80

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
51								*	.0	.0	1.9	6.7	
52	1.7	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.7	12.5
53	7.4	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.4
54	1.2	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	12.2	14.0
55	12.6	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	13.9
56	25.5	5.8	2.8	.0	.0	.0	.0	.0	.0	.0	3.9	8.6	46.6
57	3.3	12.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	16.5	34.0
58	25.2	2.5	1.1	.0	.0	.0	.0	.0	.0	TRACE	.0	.2	29.0
59	19.7	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	9.4	28.1
60	15.4	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	2.4	19.7	37.6
61	7.7	1.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	12.7
62	9.6	.8	.1	.2	.0	.0	.0	.0	.0	.0	3.3	7.2	21.2
63	48.2	3.8	.1	.0	.0	.0	.0	.0	.0	.0	4.6	3.5	60.2
64	2.8	4.0	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	.9	8.5
65	13.1	5.8		TRACE	.0*	.0	.0	.0	.0	.0	1.0	13.5	
66	3.6	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	10.5	18.2	33.2
67	16.8	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.4	39.2	57.6
68	13.9	13.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	18.1	45.1
69	31.4	3.6	3.0	TRACE	.0	.0	.0	.0	.0	.0	5.4	20.0	63.4
70	7.4	1.7	.2	.0	.0	.0	.0	.0	.0	*	3.9	3.5	* 16.7
71	12.2	7.1	1.3	.0	.0	.0	.0	.0	.0	.0	4.7	10.8	36.1
72	1.6	2.8	2.6	TRACE	.0	.0*	.0	.0	.0	.0	21.4	11.6	* 40.0
73	6.0	TRACE	2.9	.0	.0	.0	.0	.0	.0	.0	TRACE	47.9	56.8
74	1.2	12.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	15.1
75	6.6	3.6	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	22.1	32.3
76	22.3	.2	TRACE	.0	.0	.0	.0*	.0	.0	.0	6.4	21.3	* 50.2
77	16.3	9.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.2	TRACE	27.5
78	19.7	4.2	TRACE	.0	.0	.0	.0	.0	.0	.5	2.1	1.3	27.8
79	7.3	5.2	TRACE	.0	.0	.0	.0	.0	.0	.0	11.8	4.0	28.3
80	17.3	11.8											
MEAN	13.00	4.18	.62	.01	.00	.00	.00	.00	.00	.02	2.96	11.28	31.27
S D	10.619	4.063	1.047	.037	.000	.000	.000	.000	.000	.094	4.734	11.536	16.730
TOTAL OBS	899	820	837	840	868	839	867	889	870	898	870	899	10396

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

43219

KUNSAN AB KO

51-80

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	57.6	13.0	6.6	5.9	4.3	8.2	2.9	1.2	.2					29.4	891			
FEB	79.6	10.9	3.3	2.1	1.0	2.5	.6							9.5	809			
MAR	98.4	1.5	.1											.1	866			
APR	99.9	.1													840			
MAY	100.0														868			
JUN	100.0														839			
JUL	100.0														868			
AUG	100.0														898			
SEP	100.0														870			
OCT	100.0														899			
NOV	96.1	1.8	.9	.2	.3	.5	.1							2.1	870			
DEC	82.2	5.9	3.7	2.9	1.1	2.8	1.1	.3						11.9	898			
ANNUAL	92.8	2.8	1.2	.9	.6	1.2	.4	.1	.0					4.4	10016			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

43219 KUNSAN AB KO
STATION STATION NAME

51-80
YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
51													
52		2	TRACE	0	0	0	0	0	0	0	0	1	5
53		3	1	0	0	0	0	0	0	0	0	0	2
54		1	2	0	0	0	0	0	0	0	0	0	4
55		9	TRACE	0	0	0	0	0	0	0	0	0	9
56		5	TRACE	TRACE	0	0	0	0	0	0	TRACE	TRACE	5
57	TRACE		1	TRACE	0	0	0	0	0	0	0	3	3
58		15	1	TRACE	0	0	0	0	0	0	0	0	15
59		11	0	0	0	0	0	0	0	0	0	TRACE	11
60		5	TRACE	0	0	0	0	0	0	0	0	2	18
61		20	6	0	0	0	0	0	0	0	0	1	20
62		7	TRACE	0	TRACE	0	0	0	0	0	TRACE	5	7
63		28	12	0	0	0	0	0	0	0	TRACE	2	28
64		1	2	0	0	0	0	0	0	0	0	0	3
65		4	6	0	0	0	0	0	0	0	0	4	6
66		1	1	0	0	0	0	0	0	0	0	11	11
67		7	0	0	0	0	0	0	0	0	0	14	14
68		11	2	0	0	0	0	0	0	0	0	8	11
69		9	6	0	0	0	0	0	0	0	0	7	9
70		4	1	TRACE	0	0	0	0	0	0	0	1	4
71	*	3*	1*	0	0	0	0	0	0	0	0	1*	*
72	*	1*	0*	0	0	0	0	0	0	0	0	4	*
73		4	TRACE	1	0	0	0	0	0	0	0	9	9
74	TRACE		1	TRACE	0	0	0	0	0	0	0	1	1
75		3	1	0	0	0	0	0	0	0	0	4	4
76		7	TRACE	TRACE	0	0	0	0	0	0	0	11	11
77		7	2	TRACE	0	0	0	0	0	0	0	TRACE	7
78		7	3	TRACE	0	0	0	0	0	0	TRACE	TRACE	7
79		4	6	0	0	0	0	0	0	0	9	3	9
80		2	5										
MEAN	6.4	2.2	.0	TRACE	.0	.0	.0	.0	.0	.0	1.0	4.2	8.7
S D	6.314	2.883	.196	.000	.000	.000	.000	.000	.000	.000	2.129	4.754	6.551
TOTAL OBS	891	809	866	840	868	839	868	898	870	899	870	898	10416

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however, an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

43219 KUNSAN AB KO

51-80

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
51													
52													
53													
54													
55													
56													
57													
58													
59													
60						SSW*28		WNW*40SSW*27NW *28N *33WNW*35					
61	NW *42NW *35NNW*28SSW*39N *40WSW*14SW *28SSW*40WNW*20												
62													
63									NW *29NW 31NW 45W *38				
64	NW 39NW 38W 45S 33NW 24NW 31SSW 38SSW 34SSW 29NNW 32NW 35WNW 42												W 45
65	NW 50NNW 49NW 37NNW 34SSW*30SSW*24SSW 42SW 36WNW 33NW 40WNW 38NW 42												NW 50
66	NNW 34NNW*39WNW 42W 33NW 32ESE 32NNW 34SSW 40NE 33NW 43NNW 41NW 38												NW 43
67	NNW*32WSW 31NW 33NW *33S 29SW *30SW *30S *30SSW*18NNW 31WNW 43NW 51												NW 51
68	WNW 49W 35SSE 32NW 25E 30SW 2720/ 3421/ 3221/ 3432* 3424* 2932/ 56												32/ 56
69	27/ 4132* 3631/ 3515/ 3514/ 3119* 2719/ 3619/ 2920/ 2735/ 3425/ 4031/ 40												27/ 41
70	33/ 4021/ 3929/ 47 6/ 3232/ 32 8/ 3119/ 3217/ 3433/ 5732/ 5030/ 4729/ 50												33/ 57
71	29/ 5527/ 3830/ 4033* 2522/ 2716* 2523/ 4520/ 4020/ 3533/ 4034/ 3730/ 44												29/ 55
72	32/ 3131/ 3911/ 3136/ 3530/ 3616/ 2512/ 4619/ 3930/ 4323/ 5332/ 4536/ 42												23/ 53
73	26/ 4034/ 3322/ 3822/ 4021/ 3118/ 2612/ 4019/ 6423/ 4423/ 3029/ 4033/ 42												19/ 64
74	34/ 2632* 4427/ 4324/ 4721/ 3931/ 35 4/ 3223/ 2720/ 3334/ 3132/ 4432/ 38												24/ 47
75	33/ 3833/ 3830/ 3713/ 3023/ 3315/ 4916/ 3323/ 2627/ 3733/ 3221/ 2833/ 45												15/ 49
76	34/ 4632/ 28 1/ 3631/ 3323/ 3115/ 3011/ 2320/ 29 4/ 2732/ 4034/ 3527/ 47												27/ 47
77	34/ 2632/ 3631/ 3730/ 3614/ 2821/ 2820/ 2822/ 2832/ 2533/ 2423/ 4229/ 41												23/ 42
78	32/ 5032/ 4931/ 4033/ 38 2/ 2819/ 3234/ 27 5/ 3532/ 3433/ 3633/ 4428/ 41												32/ 50
79	33/ 4031/ 4430/ 3525/ 3617/ 3520/ 4020/ 3532/ 4134/ 2427/ 3830/ 3327/ 42												31/ 44
80	34/ 4231/ 38												
MEAN	40.4	38.2	37.9	34.8	30.8	32.2	35.0	35.6	34.3	37.1	39.8	43.8	50.1
S D	8.398	5.989	4.689	5.010	4.057	6.699	6.470	9.318	8.558	8.111	5.167	4.929	6.972
TOTAL OGS	531	476	499	476	496	460	496	493	498	529	511	534	5999

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 44

0-88-5 (OLA)

5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 69-70,73-80 JAN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
C000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.7	5.3	4.0	1.0	.2						15.1	9.3
NNE	1.8	2.9	3.3	1.1	.1							9.3	6.8
NE	2.6	2.2	1.2	.5								6.5	5.0
ENE	1.9	2.2	.4	.2								4.7	4.5
E	8.0	6.6	1.6									16.2	3.9
ESE	3.0	3.2	1.2									7.4	4.3
SE	1.9	1.7	.9	.1								4.6	4.4
SSE	.6	1.0	.2	.2								2.0	5.1
S		.5	.3	.2								1.1	7.4
SSW			.2	.3								.5	10.4
SW		.2		.1								.3	7.0
WSW			.1	.1	.2							.4	14.5
W		.2	.6	.5	.6	.5						2.6	15.0
WNW	.1	.1	.5	.6	.5	.4	.1					2.5	15.1
NW	.1	.4	.5	2.2	1.2	.2	.1	.1				4.9	14.8
NNW	.2	.5	2.0	2.3	2.0	.8	.1					8.0	13.9
VARBL	.3	.1										.4	2.3
CALM												13.4	
	22.7	24.6	18.6	12.5	5.7	2.2	.3	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 69-70,73-80 YEARS JAN MONTH 0300-0500 HOURS (L.S.Y.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.8	3.3	6.1	3.9	.4	.3						14.9	9.3
NNE	1.9	2.8	2.8	1.3	.1							9.0	6.7
NE	3.2	2.7	1.2	.3								7.4	4.4
ENE	3.1	3.8	.3	.2								7.4	4.0
E	5.6	7.4	2.2	.3								15.5	4.4
ESE	1.7	4.6	2.2									8.5	5.2
SE	1.2	1.9	1.3	.1								4.5	5.3
SSE	.3	.5	.3	.1								1.3	6.3
S	.1	.5	.1		.1							.9	6.8
SSW	.1	.1	.5	.4								1.2	9.1
SW		.1										.1	6.0
WSW		.1		.1								.2	10.5
W		.3	.4	.4	.3	.2						1.7	13.0
WNW		.3	.2	.5	.6	.3						2.0	15.5
NW	.1	.4	.9	1.0	1.1	.3	.1					3.9	14.1
NNW	.2	.8	1.7	2.6	1.1	1.3	.3					8.0	14.2
VARM	.3	.2		.1								.6	4.5
CALM												12.7	
	18.8	30.1	20.3	11.4	3.8	2.5	.4					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 69-70,73-80 YEARS JAN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.5	2.6	4.2	3.8	.6	.1						12.8	9.3
NNE	1.5	1.4	3.6	.6								7.1	6.6
NE	2.4	2.4	2.3	.5								7.6	5.7
ENE	3.1	3.0	1.0	.3								7.4	4.3
E	7.2	11.7	5.1	.6								24.6	4.9
ESE	2.3	4.9	3.1									10.2	5.3
SE	.8	1.0	.9	.1								2.7	5.3
SSE		.1	.6									.8	8.4
S	.1	.3	.1									.5	4.4
SSW		.1	.1	.5	.2							1.0	12.8
SW		.1	.3									.4	7.0
WSW	.1	.2	.1	.1								.5	7.2
W		.2	.3	.5	.2							1.3	11.9
WNW		.1	.8	.1	.3							1.3	11.9
NW	.1	.9	.4	1.1	1.1	.5						4.1	13.6
NNW	.3	1.2	1.6	1.8	1.1	.4	.1					6.6	12.5
VARBL	.3	.2	.1									.6	4.3
CALM												10.4	
	19.7	30.3	24.6	10.2	3.6	1.1	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 69-70,73-80 YEARS JAN MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.7	3.9	4.5	1.1	.2						12.8	10.6
NNE	.6	3.0	2.5	.2	.1							6.5	6.4
NE	2.2	3.1	2.6	.6								8.5	5.8
ENE	2.4	2.8	1.6									6.8	4.7
E	4.5	10.9	7.6	.8								23.8	5.7
ESE	2.8	5.6	4.2	.1								12.7	5.3
SE	.6	2.3	1.0	.1								4.0	5.4
SSE	.3	.2	.3	.2								1.1	6.9
S	.1	.4	.3	.2								1.1	7.1
SSW			.8	.5	.1							1.4	10.5
SW		.1	.1	.3								.5	10.2
WSW	.2		.1									.3	3.7
W	.1	.3	.5	.8	.2	.2						2.2	11.7
WNW	.2	.3	.6	.3	.4	.1						2.0	10.8
NW	.3	.4	1.0	.8	.1	.3						2.9	10.6
NNW	.2	1.0	1.3	3.3	1.8	.3						8.4	12.7
VARB	.5	.6	.1									1.3	4.1
CALM												3.9	
	15.6	33.8	28.5	13.2	3.9	1.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 69-70,73-80 JAN
STATION MONTH
ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.3	2.2	3.1	5.3	1.0	.2						12.0	11.0
NNE	.5	1.2	1.1	.4								3.2	6.7
NE	1.4	2.4	2.4	.3								6.5	6.0
ENE	.4	1.6	.9									2.9	5.5
E	1.3	3.7	2.7	.3								8.0	5.9
ESE	2.0	4.5	2.5	.2								9.2	5.5
SE	.6	2.0	.6	.2								3.5	5.7
SSE	.3	1.7	1.0	.2								3.2	6.0
S	.5	1.3	.8	.4	.2							3.2	7.3
SSW	.4	1.0	1.5	1.4	.1							4.4	9.1
SW	.6	.3	.5	.8								2.3	8.0
WSW	.2	.1	.2	.1								.6	6.8
W	1.3	1.6	.3	1.0	.5	.8						5.5	9.9
WNW	1.0	1.2	.9	.5	.4	.3						4.3	8.8
NW	.3	2.2	1.5	3.0	.4	.3	.1					7.8	11.0
NNW	.8	1.0	3.5	7.3	2.9	1.4						16.9	13.4
VARBL	1.0	1.2	.4									2.6	4.4
CALM												3.8	
	13.1	29.0	23.9	21.5	5.6	3.0		.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 69-70,73-80 JAN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.9	2.9	5.2	1.3	.2	.1					12.5	11.0
NNE	.3	1.3	1.6	.1								3.3	6.7
NE	.3	1.0	.9	.4								2.6	7.2
ENE	.3	.9	.5									1.7	5.4
E	.5	1.3	1.1	.2								3.1	6.2
ESE	.4	1.8	.9									3.1	5.6
SE	.4	.6	.8									1.8	5.5
SSE	.3	.6	.2									1.2	4.8
S	.4	1.1	.8	1.0	.1	.1						3.4	8.7
SSW	.6	1.9	1.3	1.0	.1							4.9	7.4
SW	.3	.9	.6	.1	.1							2.0	6.7
WSW	1.3	.6	.9	.9								3.7	6.9
W	2.4	1.5	.8	1.0	.6	.5						6.8	8.4
WNW	1.5	1.6	1.0	.8	.5	.5						5.9	8.8
NW	.8	2.0	3.3	4.0	.8	.2	.2					11.3	10.5
NNW	.3	3.2	5.5	11.7	3.8	1.7	.1					26.3	12.9
VARB	1.4	.5										1.9	3.0
CALM												4.3	
	12.6	22.9	22.9	26.2	7.3	3.3	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 69-70, 73-80 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.4	4.5	6.6	4.8	.5		.1					20.0	7.9
NNE	1.0	2.3	1.3	.6								5.2	6.1
NE	1.2	1.1	1.0	.2								3.4	5.9
ENE	1.0	.6	.4	.2								2.3	5.5
E	.8	1.7	.2	.1								2.8	4.5
ESE	.6	1.1	.1									1.8	4.1
SE	.5	.6	.3									1.5	5.0
SSE	.5	1.2	.6									2.4	5.2
S	.9	.9	.5	.5								2.8	6.8
SSW	.4	.6	.8	.3								2.2	6.9
SW	.1	1.0	.5	.2								1.8	6.7
WSW	.6	.3	1.0	.2	.1							2.3	7.2
W	.3	.5	.3	.3	.9	.5						2.9	13.8
WNW	.5	.4	.2	1.7	.8	.2	.1					4.0	13.1
NW	.4	2.3	2.2	2.3	1.2	.5	.2					9.0	11.5
NNW	.6	3.4	5.4	7.8	2.2	1.7	.1					21.3	11.9
VARBL	.9	.3										1.2	2.9
CALM												13.2	
	13.9	22.9	21.4	19.5	5.6	3.0	.5					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 69-70,73-80 YEARS JAN MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	5.7	5.3	4.8	.9	.3						18.9	8.7
NNE	2.5	3.3	1.1	.5								7.4	4.9
NE	2.2	2.0	1.5	.3								6.0	5.1
ENE	3.1	1.3	.4	.4								5.3	4.3
E	3.0	4.1	.6									7.7	4.0
ESE	1.5	1.5	.2									3.2	4.0
SE	.9	1.1	1.2									3.1	5.2
SSE	1.2	1.4	1.5	.2								4.3	5.8
S	.3	1.1	.3	.4								2.2	6.6
SSW		.3	.1	.2								.6	9.0
SW	.1	.2	.1	.3								.8	8.7
WSW		.3	.4	.2	.2							1.2	10.6
W	.1	.1	.3	.5	.6	.5	.1					2.4	16.1
WNW		.1	.6	.9	.3	.4	.1					2.5	15.1
NW	.6	.1	1.1	2.9	1.2	.5						6.5	13.1
NNW	.5	1.4	2.4	4.9	1.8	1.4	.2					12.7	13.3
VARBL		.1		.1								.2	9.0
CALM												15.1	
	18.0	24.2	17.2	16.9	5.1	3.2	.4					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 69-70,73-80

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

JAN
MONTH

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.2	4.7	4.5	.8	.2	.0					14.9	9.5
NNE	1.3	2.3	2.2	.6	.0							6.4	6.4
NE	1.9	2.1	1.6	.4								6.1	5.5
ENE	1.9	2.0	.7	.2								4.8	4.5
E	3.9	5.9	2.6	.3								12.7	4.9
ESE	1.8	3.4	1.8	.0								7.0	5.1
SE	.9	1.4	.9	.1								3.2	5.2
SSE	.5	.8	.6	.1								2.0	5.8
S	.3	.8	.4	.3	.1	.0						1.9	7.3
SSW	.2	.5	.7	.6	.1							2.0	8.7
SW	.1	.4	.3	.2	.0							1.0	7.5
WSW	.3	.2	.3	.2	.1							1.2	7.8
W	.5	.6	.5	.6	.5	.4	.0					3.2	11.5
WNW	.4	.5	.6	.7	.5	.3	.0					3.1	11.6
NW	.3	1.1	1.4	2.1	.9	.4	.1	.0				6.3	12.0
NNW	.4	1.6	2.9	5.3	2.1	1.1	.1					13.5	13.0
VARBL	.6	.4	.1	.0								1.1	3.9
CALM												9.6	
	16.8	27.2	22.2	16.4	5.1	2.4	.3	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 69-70,73-80 YEARS FEB MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.3	4.6	4.0	.7	.1						17.5	8.0
NNE	1.8	3.2	2.2	.1								7.3	5.4
NE	2.1	1.5	1.2	.1								5.0	4.7
ENE	2.4	2.4	.2	.4	.1							5.4	4.3
E	4.7	5.0	1.2	.1								11.0	4.2
ESE	3.2	2.6	.6									6.4	3.7
SE	1.2	1.8	.8									3.8	4.6
SSE	1.4	.7	.4									2.5	3.9
S	.7	1.5	.2	.1								2.6	4.7
SSW	.4	.7	.5	.2								1.8	6.7
SW	.2	.2	.2									.7	5.0
WSW	.1	.2	.1	.2								.7	7.7
W	.2	.1	.2	.4								.9	8.0
WNW	.4	.9	1.1	.4		.1						2.8	7.5
NW	.2	.6	2.1	2.7	.9	.2						6.9	11.5
NNW	.4	2.1	2.6	5.3	1.4	.2	.1					12.2	11.6
VARB	.9	.4	.1									1.4	2.9
CALM												11.1	
	23.0	29.3	18.4	14.1	3.2	.7	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 69-70, 73-80 FEB
STATION STATION NAME YEARS MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	4.0	6.1	3.9	1.2	.4						16.2	9.6
NNE	2.0	1.8	2.4	.5								6.6	5.8
NE	2.7	2.2	1.9	.4	.1							7.3	5.5
ENE	3.1	2.4	.7	.5								6.6	4.5
E	7.1	7.6	2.2									16.9	4.2
ESE	2.2	4.6	.4	.1								7.3	4.2
SE	1.2	2.6	.4		.1							4.3	4.7
SSE	.4	1.1	.4	.1								1.9	5.7
S	.4	.7	.1	.1								1.3	4.5
SSW		.1	.4									.5	7.5
SW	.2	.4	.2		.1							.9	6.6
WSW	.2	.5	.1	.4	.1							1.3	9.0
W	.1	.2	.2	.4								.9	8.9
WNW	.2	.4	.4	.5	.6	.1						2.1	12.7
NW	.2	.3	1.2	2.0	.7	.1	.1					5.2	11.6
NNW	.2	1.8	2.2	3.0	1.5	.2	.2					9.2	12.0
VARBL	.6	.1										.7	3.0
CALM												10.6	
	21.5	31.2	19.3	11.7	4.5	.8	.4					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 69-70,73-80 YEARS FEB MONTH
C600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.9	4.4	2.4	.7	.2						13.4	8.3
NNE	1.5	2.2	2.4	.4	.1							6.6	6.2
NE	3.0	3.2	3.3	.2								9.7	5.5
ENE	2.8	3.1	.9	.4								7.2	4.9
E	6.5	10.4	2.1									19.0	4.2
ESE	2.1	4.5	1.4	.4								8.4	5.1
SE	.9	1.3	1.1									3.3	5.2
SSE	.2	.9	.2									1.4	5.0
S	.1	.7	.2	.2								1.3	6.5
SSW	.1	.1	.2	.7								1.2	9.5
SW		.2	.2	.1	.1							.7	9.5
WSW	.2		.1	.1								.5	6.0
W	.2	.2	.4	.4								1.2	8.1
WNW		.1	.6	.2	.4	.1						1.4	13.0
NW	.4	.5	1.2	1.4	1.1	.4						4.8	12.7
NNW	.7	1.1	2.4	2.4	1.1	.1	.2					7.9	11.2
VARB	.5											.5	2.5
CALM												11.5	
	21.2	32.5	21.2	9.2	3.4	.9	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 69-70,73-80 FEB
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.7	1.7	5.2	4.8	.9							13.4	10.3
NNE	1.1	2.0	2.2	.6								5.9	6.7
NE	1.9	3.7	3.5	.4								9.5	8.0
ENE	1.2	2.4	2.2	.7								6.5	6.6
E	3.5	7.2	3.4	.1								14.3	5.1
ESE	2.4	6.4	2.6	.5								11.8	5.2
SE	.6	2.1	1.2									4.1	5.5
SSE	.2	1.4	.5	.4								2.5	6.3
S	.5	.9	.4	.1								1.9	5.1
SSW	.2	.4	.5	.9	.2							2.2	10.0
SW	.1		.5	.1		.2						.9	12.8
WSW	.1	.1	.5									.7	6.5
W	.1	.2	.6	.4								1.3	8.2
WNW	.1	.5	.6	.6		.1						1.9	9.6
NW	.6	.8	1.8	1.5	.9	.2	.2					6.1	12.0
NNW	.5	.6	2.4	4.5	1.2	.5						9.6	12.4
VARBL	.8	1.1	.2									2.1	4.2
CALM												5.2	
	14.7	31.7	28.3	15.6	3.3	1.1	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 69-70,73-80 YEARS FEB MONTH
1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.8	3.1	2.1	.7	.2						7.2	10.7
NNE	.5	.7	1.2	.2								2.6	6.6
NE	.6	2.2	2.0	.9								5.8	7.3
ENE	.5	1.3	1.5	.4								3.7	6.8
E	1.8	2.5	.9									5.2	4.5
ESE	.8	2.1	1.1									4.0	5.2
SE	.2	1.7	.2									2.1	4.7
SSE	.5	1.4	.2	.2								2.4	5.2
S	1.1	1.5	.2	.4	.2							3.4	6.1
SSW	.2	.9	1.4	1.9	.4							4.8	10.0
SW	.6	1.1	1.4	1.3	.1							4.5	8.7
WSW	1.1	1.4	1.2	.4								4.0	6.1
W	1.1	2.4	2.5	.6	.1							6.6	6.6
WNW	.5	1.5	2.1	1.3	.5		.1					6.0	9.3
NW	.7	1.5	4.7	4.6	1.7	.2	.4					13.8	11.6
NNW	.1	1.3	4.5	7.9	3.9	.9						18.7	13.4
VARBL	1.7	1.4	.1									3.2	3.7
CALM												1.9	
	12.1	25.9	28.5	22.2	7.6	1.4	.5					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 69-70,73-80 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
II	.2	1.2	2.4	2.0	.7	.4						6.9	10.8
NNE	.5	.6	1.2	.4								2.6	7.1
NE	.1	1.2	1.6	.7								3.8	7.8
ENE	.4	.8	.4	.4								1.9	6.9
E	.7	.7	.7									2.1	5.2
ESE	.2	.6	.1									.9	5.0
SE		.2										.2	4.5
SSE	.2	.4	.1									.7	4.8
S	.2	1.4	.4	.4								2.4	6.4
SSW	.2	1.7	2.7	1.8	.2							6.6	8.9
SW	.4	.6	1.5	.6								3.1	8.3
WSW	.8	.9	1.4	.2								3.4	6.4
W	3.5	3.1	1.4	.4								6.4	5.6
WNW	1.2	1.8	3.2	2.0	.7	.1						9.0	8.9
NW	.9	1.9	4.8	8.5	3.3	.7	.2	.1				20.6	12.3
NNW		1.4	5.9	12.1	4.4	.9	.1					24.8	13.3
VARBL	1.3	.5	.2									2.0	3.4
CALM												2.6	
	9.0	16.9	28.3	29.3	9.3	2.1	.4	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KANSAN AS KO STATION NAME 69-70, 73-80 YEARS FEB MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.4	4.8	5.1	3.4	.6	.1						15.5	8.4
NNE	.1	1.4	.7									2.2	5.8
NE	.9	1.4	1.5	.6								4.5	6.7
ENE	.4	.4	.1	.5								1.3	7.9
E	.6	.8	.2	.4								2.0	5.8
ESE	.5	.5	.1									1.1	4.6
SE	.1	.4	.1									.6	5.0
SSE	.2	.2	.2									.7	5.2
S	.9	1.7	.9	.4								3.9	5.8
SSW	.6	1.5	1.2	.8	.2							4.4	7.7
SW	.6	.7	.7									2.0	5.5
WSW	.8	.5	.2	.1								1.7	4.4
W	1.3	1.2	.5	.4								3.3	5.0
WNW	.9	1.4	1.4	1.1	.1							5.0	7.3
NW	.7	1.9	3.2	5.1	1.4	.7	.5					13.5	12.3
NNW	1.1	3.1	8.9	12.2	3.3	.8	.1					29.4	11.7
VARBL	.1											.1	2.0
CALM												8.9	
	11.3	21.9	25.2	24.8	5.7	1.7	.6					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 69-70,73-80 YEARS FEB MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	5.3	6.6	3.9	1.2	.1						20.2	8.2
NNE	.7	1.7	1.7	.1								4.1	5.9
NE	1.7	1.9	1.4	.1								5.1	5.3
ENE	1.8	1.1	.2	.4								3.4	4.4
E	3.0	1.7	.9	.2								5.8	4.2
ESE	2.0	1.2	.2									3.4	3.6
SE	.4	1.2	.4									1.9	4.9
SSE	.8	.7	.4									1.9	4.5
S	1.1	1.3	.6	.1								3.1	5.1
SSW	.6	.8	.7	.4	.1							2.6	7.0
SW	.2	.1	.2	.2								.8	7.0
WSW	.5	.2	.1	.1								.9	5.0
W	.1	.7	.4	.5								1.7	7.1
WNW	.5	1.1	1.5	.4	.4	.1						3.9	8.6
NW	.8	1.1	1.8	2.5	1.2	.4		.1				7.8	11.5
NNW	1.3	4.4	5.1	8.2	1.2	.7						20.8	10.4
VARBL	.6	.2										.8	2.6
CALM												11.7	
	19.0	24.6	22.2	17.0	4.0	1.3		.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219

KUNSAN AB KO

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.4	4.7	3.3	.8	.2						13.8	9.0
NNE	1.0	1.7	1.7	.3	.0							4.8	6.1
NE	1.6	2.2	2.1	.4	.0							6.3	6.0
ENE	1.6	1.7	.8	.4	.0							4.5	5.4
E	3.5	4.5	1.5	.1								9.5	4.5
ESE	1.7	2.8	.8	.1								5.4	4.6
SE	.6	1.4	.5		.0							2.5	4.9
SSE	.5	.9	.3	.1								1.7	5.1
S	.6	1.2	.4	.2	.0							2.5	5.5
SSW	.3	.8	.9	.8	.1							3.0	8.6
SW	.3	.4	.6	.3	.0	.0						1.7	8.0
WSW	.5	.5	.5	.2	.0							1.7	6.3
W	.6	1.0	.8	.4	.0							2.8	6.4
WNW	.5	1.0	1.4	.8	.3	.1	.0					4.0	9.0
NW	.6	1.1	2.6	3.5	1.4	.4	.2	.0				9.8	12.0
NNW	.5	2.0	4.2	6.9	2.2	.6	.1					16.6	12.1
VARB.	.8	.5	.1									1.4	3.4
CALM												7.9	
	16.5	27.0	23.9	18.0	5.1	1.2	.3	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO 68-70, 73-79 YEARS MAR MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	3.3	2.9	1.5	.8	.1						10.5	7.8
NNE	1.1	1.6	.5	.3								3.6	5.2
NE	1.0	.9	.8	.2								2.8	5.5
ENE	1.0	.8	.4	.1								2.3	4.7
E	2.5	2.0	.3									4.9	3.4
ESE	.9	1.8	.4									3.1	4.4
SE	1.1	1.0	.4									2.5	4.3
SSE	.5	.8		.2	.1							1.6	5.7
S	.4	.8	.6	.2	.2							2.3	7.5
SSW	.3	1.1	.6	.2	.3	.1						2.7	8.1
SW	.1	1.0	.4			.2						1.7	7.4
WSW	.4	.1										.5	2.4
W	.9	1.4	1.3	.5	.1	.1						4.3	7.2
WNW	1.4	.9	1.0	1.8	.8	.3						6.1	10.1
NW	.6	2.2	2.5	1.8	.9	.8						8.7	10.6
NNW	1.1	2.8	4.7	5.5	1.4	.6	.1					16.3	10.6
VARBL	.8	.3		.2								1.3	4.5
CALM												24.8	
	15.9	22.7	17.0	12.7	4.5	2.3	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS
ALL WEATHER CLASS
CONDITION
MAR MONTH
C300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.4	4.2	3.2	2.0	.1	.1						12.1	7.0
NNE	1.9	2.6	1.1	.2								5.8	5.0
NE	1.4	1.2	.5	.6								3.8	5.7
ENE	2.0	1.0	.3	.1								3.5	3.8
E	5.4	5.1	.6									11.1	3.6
ESE	2.3	2.2	.4									4.9	3.9
SE	.9	1.7	.3	.1								3.0	4.8
SSE	.6	.9		.1	.1							1.7	5.3
S	.3	.6	.1	.3								1.4	6.7
SSW	.3	.2	.9	.1	.2							1.7	8.5
SW	.1	.2	.2	.1	.3	.2						1.2	12.5
WSW	.1	.1	.1	.1								.4	7.0
W	.4	.4	.4	.1	.3	.1						1.8	9.1
WNW	.3	.4	1.7	.5	.2	.2						3.5	10.0
NW	1.0	.8	1.3	1.6	1.1	.9						6.6	12.0
NNW	1.0	2.5	3.6	3.6	.8	.6	.1					12.1	10.4
VARIABLE	1.1	.3	.3									1.7	3.9
CALM												23.7	
	21.6	24.4	15.2	9.7	3.1	2.2	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70,73-79 MAR
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDIVION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	2.5	1.1	.3							8.2	7.2
NNE	1.7	1.8	.9	.3								4.7	5.0
NE	1.3	3.0	1.2	.9								6.4	6.0
ENE	3.7	1.7	.6									6.0	3.5
E	6.8	6.9	1.4									15.1	3.9
ESE	3.7	4.2	2.0	.1								10.0	4.6
SE	1.3	1.1	.6									3.0	4.3
SSE	.4	1.4	.3									2.2	4.9
S	.1	.3		.2		.2						.9	11.4
SSW		.3	.8	.1								1.2	8.5
SW		.1	.5	.1								.8	7.9
WSW		.1	.1	.2	.1							.5	10.6
W	.2	.6	.5	.4	.1							1.9	8.4
WNW	.2	.2	.6	.5	.3	.3						2.3	12.5
NW	.6	.4	1.7	1.4	1.0	.3						5.5	11.5
NNW	.6	1.5	3.2	3.3	1.0	.4						10.1	10.7
VARB	.6	.1	.1									.9	3.4
CALM												20.3	
	22.4	27.2	17.3	8.7	2.8	1.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70, 73-79 YEARS MAR MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	2.6	1.4	.4							6.7	8.5
NNE	.9	1.7	1.4	.2								4.2	5.9
NE	.8	2.2	1.7	.9	.1							5.6	7.3
ENE	1.5	1.6	1.8	.6								5.6	6.2
E	2.9	6.5	2.6	.1	.1							12.2	5.2
ESE	3.1	4.3	1.8	.4								9.7	4.9
SE	1.0	3.0	1.2	.2								5.4	5.2
SSE	.4	1.3	.9									2.6	5.7
S	.4	1.5	.4	.2								2.6	5.7
SSW	.1	.6	1.4	.6	.1							2.9	9.1
SW	.2	.4	.3	.2								1.2	7.4
WSW	.5	.9	.2	.2	.1	.1						2.0	6.9
W	.9	.9	1.2	.5			.1					3.6	7.5
WNW	1.0	1.6	.6	.3	.3	.3						4.2	7.9
NW	.2	1.5	2.8	2.7	1.1	1.1	.1					9.5	12.5
NNW	.3	1.2	2.3	5.4	1.9	.2						11.3	12.5
VARBL	2.5	2.6	.3									5.4	3.8
CALM												5.5	
	17.5	33.2	23.6	14.1	4.2	1.7	.2					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 MAR
STATION STATION NAME YEARS MONTH
1200-1400
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.3	.4	.8	.5	.3							2.4	9.4
NNE	.1	.5	.5	.5								1.7	8.6
NE	.5	.5	1.5	1.0								3.5	8.6
ENE	.1	1.0	1.1	.4								2.6	7.8
E	1.6	.9	1.3									3.8	4.9
ESE	.5	1.6	.5									2.7	4.8
SE	1.0	.9		.1								1.9	4.0
SSE	.5	.3	.5	.2	.1							1.7	7.1
S	.4	.4	.9	.4	.2							2.4	8.5
SSW	.2	.5	.8	.8	.4	.1						2.8	11.5
SW	.4	1.6	1.1	1.1	.3	.1						4.6	8.8
WSW	.5	2.9	2.4	.9	.3	.1						7.1	7.8
W	1.1	5.6	5.3	1.5	.2	.1						13.8	7.2
WNW	.5	2.8	8.3	2.8	.2	.3						14.9	9.1
NW	.3	.6	4.5	7.0	2.3	1.5	.2					16.5	13.4
NNW	.1	.3	1.2	5.3	3.3	1.0						11.2	15.1
VARBL	1.3	3.1	.5		.1							5.1	4.7
CALM												1.4	
	9.7	24.1	31.1	22.5	7.8	3.2	.2					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS MAR MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.1	.8	1.1	1.1								3.0	9.2
NNE		.4	.8	1.0								2.2	10.2
NE	.1	.3	.9	.5								1.8	8.5
ENE	.1	.6	.6									1.4	6.5
E	.1	.8	.3	.1								1.3	6.5
ESE		.2										.2	5.0
SE	.1	.2										.3	4.7
SSE	.1	.2				.3						.6	14.2
S	.1	.1	.2		.3							.8	11.4
SSW	.1	.5	.5	1.5	.1							2.8	10.5
SW	.1	.4	1.5	1.2	.3							3.5	10.2
WSW	.4	.9	1.6	1.0	.2		.1					4.2	8.9
W	.6	4.0	7.2	2.6	.1	.1						14.6	8.0
WNW	.5	2.6	10.2	4.7	.6	.8						19.5	9.8
NW	.2	3.0	6.7	9.2	4.1	1.9	.1					25.3	12.6
NNW	.3	.8	2.5	7.2	3.9	1.0						15.6	14.3
VARBL	.8	1.0		.1								1.8	4.4
CALM												1.1	
	3.9	16.8	34.1	30.2	9.7	4.1	.2					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS
ALL WEATHER
CLASS
CONDITION
MAR MONTH
1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.6	1.7	2.3	1.8								6.5	8.1
NNE	.5	.6	.6									1.8	5.6
NE	.2	.3	.6	.2								1.4	7.2
ENE	.3	.6	.3	.1								1.4	5.9
E	.1	.5	.5									1.2	6.2
ESE	.1	.1	.1	.1								.4	6.3
SE													
SSE	.2	.3	.3	.2	.1							1.2	7.7
S			.3	.5	.3							1.2	12.6
SSW	.2	.8	1.2	.3								2.5	7.3
SW	.4	1.4	1.2			.2						3.2	6.9
WSW	.4	1.0	1.2									2.6	5.9
W	1.3	3.1	2.7	.8	.2	.1						8.2	7.0
WNW	1.5	4.5	4.6	1.4	.6	.2						12.9	7.9
NW	1.5	4.0	7.7	6.3	2.0	1.1	.1					22.8	10.6
NNW	1.0	4.9	7.5	9.7	2.8	1.3						27.2	11.2
VARBL	.4	1.0	.1									1.5	4.4
CALM												4.1	
	8.9	24.9	31.4	21.5	6.1	2.9	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS MAR MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.0	4.2	3.2	1.3								11.7	6.0
NNE	.2	.5	.5	.2								1.5	6.9
NE	.4	.4	.3	.6								1.8	7.5
ENE	.4	.3	.6									1.4	5.5
E	.9	.6	.4									1.9	4.3
ESE	.6	.8										1.4	3.4
SE	.3	.4	.3									1.1	5.1
SSE	.4	.3	.2	.2								1.2	6.0
S	.2	.4	.3				.1					1.1	8.0
SSW	.5	2.4	1.1	.1		.1						4.2	6.3
SW	1.4	1.3	.9	.1								3.7	4.9
WSW	.3	1.0	.2									1.5	4.3
W	1.7	1.6	1.3	.2	.2	.1						5.2	6.3
WNW	1.7	1.9	1.4	1.4	1.1	.3	.1					7.8	9.2
NW	2.0	3.1	3.3	3.8	1.0	.4						13.7	9.2
NNW	1.7	5.2	5.5	7.4	1.8	.8						22.4	10.1
VARBL	.8	.5										1.3	3.3
CALM												17.2	
	16.8	24.9	19.7	15.4	4.1	1.7	.2					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219
STATION

KUNSAN AB KO
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	2.3	1.3	.2	.0						7.6	7.5
NNE	.8	1.2	.8	.3								3.2	6.0
NE	.7	1.1	.9	.6	.0							3.4	6.9
ENE	1.1	1.0	.7	.2								3.0	5.2
E	2.5	2.9	.9	.0	.0							6.4	4.3
ESE	1.4	1.9	.7	.1								4.1	4.6
SE	.7	1.0	.4	.1								2.2	4.7
SSE	.4	.7	.3	.1	.1	.0						1.6	6.3
S	.3	.5	.4	.2	.1	.0	.0					1.6	8.2
SSW	.2	.8	.9	.5	.1	.0						2.6	8.6
SW	.3	.8	.8	.3	.1	.1						2.5	8.0
WSW	.3	.9	.7	.3	.1	.0	.0					2.4	7.3
W	.9	2.2	2.5	.8	.2	.1	.0					6.7	7.4
WNW	.9	1.9	3.6	1.7	.5	.3	.0					8.9	9.3
NW	.8	2.0	3.8	4.2	1.7	1.0	.1					13.6	11.6
NNW	.8	2.4	3.8	5.9	2.1	.7	.0					15.8	11.7
VARBL	1.0	1.1	.2	.0	.0							2.4	4.2
CALM												12.2	
	14.6	24.8	23.7	16.9	5.3	2.4	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO

68-70,73-79

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.7	1.9	1.4	.7								5.7	5.7
NNE	1.2	.4	.6									2.2	4.3
NE	.9	1.2	1.9	.7								4.7	7.1
ENE	.9	.8	1.2	.1								3.0	6.0
E	3.2	1.4	.8	.3								5.8	4.4
ESE	1.6	1.7	1.4									4.7	5.1
SE	.6	1.2	1.1	.3								3.2	6.7
SSE	.3	.9	.6	.4		.3						2.6	8.9
S	1.2	2.4	.6	.6	.2							5.0	6.1
SSW	.4	.8	1.3	.9	.3							3.8	9.2
SW	.8	1.2	1.1	1.0	.1	.1						4.3	8.2
WSW	.7	.7	.7	1.0	.2							3.2	8.6
W	1.4	2.0	1.6	.7	.1							5.8	6.5
WNW	1.0	2.0	.8	.2		.2						4.2	6.5
NW	.8	2.9	1.8	1.2	.3	.2						7.2	7.9
NNW	.6	2.2	2.1	1.6	.2	.1						5.8	8.6
VARBL	2.3	.3										2.7	2.5
CALM												25.2	
	19.6	24.1	18.9	9.7	1.6	1.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70, 73-79 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	2.0	1.6	.2								6.2	5.1
NNE	1.6	1.4	.2	.1								3.3	4.2
NE	1.8	2.3	1.9	.4	.1	.1						6.7	6.4
ENE	3.3	1.3	.8	.1								5.6	3.9
E	4.9	4.7	.4	.3								10.3	3.9
ESE	2.8	2.0	1.6	.1								6.4	4.8
SE	1.2	2.1	1.7	.2								5.2	5.5
SSE	.6	.8	1.3	.1								2.8	6.4
S	1.1	1.1	.3	.8	.2							3.6	7.2
SSW	.3	1.1	.8	1.1	.6							3.9	9.8
SW	.2	1.2	.6	1.1	.2							3.3	9.2
WSW	.3		.7	.6	.1							1.7	9.7
W	.7	1.9	1.1	.3	.3							4.3	7.1
WNW	.9	1.3	.7	.6	.6	.2						4.2	9.1
NW	1.1	1.3	.6	1.4	.7	.2						5.3	9.5
NNW	.9	1.7	.9	1.4	.6							5.4	8.6
VABL	1.6	.1	.1									1.8	2.7
CALM												19.9	
	25.7	26.4	15.1	9.0	3.3	.6						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AG KO STATION NAME 68-70,73-79 YEARS APR MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	1.4	.7	.1								4.3	4.5
NNE	1.3	1.0	.7	.2								3.2	5.3
NE	2.0	2.7	2.1	.9	.2	.1						8.0	6.9
ENE	2.7	2.8	.9									6.3	4.1
E	6.4	7.1	2.1	.2								15.9	4.2
ESE	2.3	3.8	1.9	.4								8.4	5.4
SE	1.6	1.4	1.2									4.2	4.9
SSE	.3	1.9	.8		.1							3.0	6.1
S	.3	1.1	.4	.7	.1							2.7	7.5
SSW	.2	.7	1.1	1.9	.8							4.7	11.8
SW		.7	1.3	.3								2.3	8.2
WSW	.3	.4	.4	.6								1.8	7.5
W	.8	1.3	.3	.7	.2							3.3	7.5
WNW	.3	.8	.6	.8	.2	.4						3.1	10.9
NW	1.0	.4	1.2	1.2	.7	.1						4.7	9.9
NNW	1.0	1.6	1.1	1.4	.4	.7						5.7	10.5
VARBL	1.8	.3	.1									2.2	2.8
CALM												16.1	
	24.6	28.8	17.0	9.4	2.8	1.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS APR MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.2	.1								2.7	6.3
NNE	.9	1.6	.9	.1								3.4	5.7
NE	1.0	1.9	1.9	2.0	.1							6.9	8.3
ENE	.9	1.7	1.0	.4								4.0	6.2
E	2.6	4.8	2.3	.1								9.8	5.1
ESE	3.1	4.7	1.8	.8								10.3	5.4
SE	1.3	3.1	2.0	.6	.1							7.1	6.2
SSE	.8	1.2	.7	.6								3.2	6.3
S	1.8	1.0	.7	1.0								4.4	6.7
SSW	.2	1.4	1.4	2.2	.9	.3						6.6	11.2
SW	.8	.9	1.3	1.0	.2							4.1	8.5
WSW	.3	1.4	1.1	1.0	.4							4.3	9.0
W	1.0	2.0	1.2	1.0	.2	.2						5.7	8.0
WNW	.3	1.7	1.0	.3	.6	.2						4.1	9.5
NW	.4	1.2	1.7	1.1	.7	.1						5.2	10.0
NNW	.3	1.1	2.0	1.0	1.0	.4						5.9	11.2
VARBL	4.7	2.3	.3									7.3	3.4
CALM												4.9	
	20.8	32.9	22.6	13.3	4.2	1.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS APR MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	.6	.3								1.7	7.6
NNE	.1	.2	1.0	.2								1.6	8.3
NE	.1	.7	.6	1.6	.3							3.2	10.9
ENE	.1	.4	1.8	.2								2.6	7.8
E	.1	1.1	.8	.3								2.3	6.8
ESE	.2	1.0	.8									2.0	5.9
SE	.1	1.0	.7	.3								2.1	7.2
SSE	.2	.6	.6	.7	.3							2.3	9.8
S	.8	.9	.9	1.1								3.6	8.2
SSW	.4	1.0	1.6	1.8	1.0							5.8	10.5
SW	.3	1.9	1.7	2.4	.4	.1	.1					7.0	10.3
WSW	1.2	3.8	2.8	2.7	.2							10.7	7.9
W	1.0	7.7	9.8	1.7	.7							20.8	7.6
WNW	.2	3.1	8.7	3.4	1.3	.1						16.9	9.7
NW	.2	.8	3.1	3.0	1.7	.2	.1					9.1	12.1
NNW	.1	.3	1.0	2.0	.3							3.8	11.7
VARBL	1.6	1.4	.7									3.7	4.3
CALM												1.0	
	7.0	26.4	36.8	21.8	6.3	.4	.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70, 73-79 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.6	.6	.6	.1							1.8	9.0
NNE	.1	.7	.9	.9								2.6	9.1
NE	.2	.3	1.4	1.0	.1							3.1	9.9
ENE	.1	.6	.8	.7	.1							2.2	9.2
E	.1	.3	.6	.2								1.2	7.7
ESE		.6	.4	.2								1.2	7.9
SE		.1	.3	.3	.1							.9	10.1
SSE	.1	.1	.3	.7	.2							1.4	12.0
S		.1	.6	1.0	.3							2.0	12.5
SSW		.4	1.7	1.8	.7							4.6	11.7
SW	.1	.6	1.9	2.2	.4							5.2	10.9
WSW	.2	1.0	3.1	2.0		.1						6.4	9.4
W	1.6	4.4	8.2	2.7	1.0							17.9	8.4
WNW	1.0	3.0	11.1	2.9	.7	.1						18.8	8.6
NW	.3	1.3	7.3	7.7	1.9	.3						18.9	11.5
NNW	.1	1.1	3.2	3.6	1.7							9.7	11.8
VARBL	.4	.3	.3	.1								1.2	5.5
CALM												.9	
	4.4	15.6	42.8	28.4	7.3	.6						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KC STATION NAME 68-70,73-79 YEARS APR MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.8	1.2	.2							4.9	8.8
NNE	.1	.7	.6	.1								1.4	7.0
NE	.3	.6	1.3	.3	.1							2.7	7.5
ENE	.3	.7	.9	.2								2.1	6.7
E	.2	.2	.3	.2								1.0	7.4
ESE	.2	.3	.6	.8								1.9	8.8
SE	.1	.3	.3	.1								.9	6.4
SSE			.3	.6	.3							1.2	13.6
S	.2	.8	1.4	1.0	.4							3.9	9.8
SSW	.1	1.6	1.1	1.6	.3	.1						4.8	10.2
SW	.6	1.7	1.8	1.9	.2							6.1	8.9
WSW	.6	2.2	2.0	1.1								5.9	7.4
W	2.1	4.1	4.3	.9	.3							11.8	6.8
WNW	1.9	4.8	5.7	1.7	.6							14.6	7.4
NW	1.2	3.9	6.3	4.3	.6							16.3	8.8
NNW	1.1	3.3	3.8	4.9	1.2							14.3	9.7
VARB	.2	.1		.1								.4	5.3
CALM												5.8	
	9.8	26.4	32.6	21.0	4.3	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO

68-70, 73-79

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.1	2.7	2.7	.9								7.3	6.8
NNE	1.0	.7	.2	.2								2.1	5.1
NE	.1	.7	1.3	.3								2.4	7.4
ENE	.3	.3	1.9	.4								3.0	7.6
E	1.2	1.0	.6									2.8	4.2
ESE	.6	.7	.8	.7								2.7	7.5
SE	.3	.2	.8	.3	.1							1.8	8.3
SSE	.7	.8	.7	.9	.4	.1						3.6	10.0
S	1.4	1.7	.8	.7	.1							4.7	6.2
SSW	.8	1.4	1.6	1.3	.4							5.6	8.8
SW	1.0	1.8	1.1	1.2	.2							5.3	7.7
WSW	1.6	2.1	1.6	.8								6.0	6.1
W	2.0	3.0	1.3	.9	.2							7.4	6.0
WNW	1.3	2.4	2.2	.6	.1	.2						6.9	7.0
NW	1.6	2.4	2.8	1.8	.6	.1						9.2	8.2
NNW	1.4	2.2	1.9	2.6	.2							8.3	8.1
VARBL	1.6	.1										1.7	2.6
CALM												19.2	
	18.0	24.2	22.1	13.6	2.4	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70,73-79 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	1.3	.5	.0							4.3	6.4
NNE	.8	.8	.6	.2								2.5	5.9
NE	.8	1.3	1.6	.9	.1	.0						4.7	7.8
ENE	1.1	1.1	1.2	.3	.0							3.6	5.8
E	2.3	2.6	1.0	.2								6.1	4.6
ESE	1.3	1.8	1.2	.4								4.7	5.7
SE	.7	1.2	1.0	.3	.0							3.2	6.3
SSE	.4	.9	.7	.5	.2	.1						2.5	8.5
S	.9	1.1	.7	.8	.2							3.7	7.6
SSW	.3	1.1	1.3	1.6	.6	.1						4.9	10.4
SW	.5	1.2	1.3	1.4	.2	.0	.0					4.7	9.1
WSW	.7	1.5	1.5	1.2	.1	.0						5.0	8.0
W	1.3	3.3	3.5	1.1	.4	.0						9.6	7.4
WNW	.9	2.4	3.8	1.3	.5	.2						9.1	8.5
NW	.8	1.8	3.1	2.7	.9	.2	.0					9.5	9.9
NNW	.7	1.6	2.0	2.3	.7	.2						7.5	9.9
VARBL	1.8	.6	.2	.0								2.6	3.4
CALM												11.6	
	16.2	25.6	26.0	15.8	4.0	.7	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS MAY MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9	1.2	.1								3.4	5.4
NNE	.9	1.1	.9	.2								3.0	5.8
NE	.8	.8	.6	.1								2.3	5.7
ENE	1.2	.2	.6	.3								2.4	5.6
E	2.7	1.7	.6									5.1	3.9
ESE	.6	1.5	.8	.3								3.2	6.1
SE	.9	1.3	.5	.4								3.1	5.8
SSE	.6	.8	.2	.2								1.8	5.4
S	.6	.8	.4		.2	.1						2.2	7.0
SSW	.9	1.6	1.1	.9	.3							4.7	7.8
SW	1.7	1.7	1.3	.5								5.3	5.7
WSW	1.3	2.5	1.3	.4	.2							5.7	6.0
W	2.2	2.4	2.3	.9	.5							8.2	6.8
WNW	.2	1.4	1.4	.8	.1							4.4	7.0
NW	1.5	1.6	1.8	1.0								5.9	6.8
NNW	1.4	2.6	.5	.5								5.1	5.1
VARBL	3.1	1.2		.1								4.4	3.0
CALM												29.9	
	22.4	23.9	15.6	6.8	1.4	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS MAY
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	.5	.4								3.9	5.0
NNE	.8	1.1	.8	.3								2.9	5.9
NE	1.2	1.6	1.5	.1								4.4	5.3
ENE	3.1	1.4	.5	.3								5.4	4.2
E	5.6	5.9	.8	.1								12.4	3.9
ESE	2.0	2.3	.5	.2								5.1	4.5
SE	.5	1.2	.8	.4	.1							3.0	6.7
SSE	.6	.3	.4	.1	.1	.2						1.8	8.1
S	.8	.4	.2	.5	.5							2.5	9.3
SSW	1.0	1.3	.8	1.2								4.2	7.4
SW	.6	1.3	1.7	.4	.1							4.2	6.8
WSW	.9	1.7	.5	.1								2.5	5.2
W	1.4	1.6	.9	.9	.3							5.1	7.3
WNW	.6	1.0	1.1	.2								2.9	6.3
NW	.5	1.8	1.7	.4								4.5	6.7
NNW	1.1	1.8	.9	.5								4.3	6.1
VARBL	3.3	1.0										4.3	2.7
CALM												26.7	
	25.8	26.2	13.6	6.4	1.2	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB MO 68-70, 73-79 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.2	.9	1.0	.4	.1							3.5	6.3
NNE	.9	1.1	.5	.1								2.6	5.2
NE	1.6	3.0	2.3	.2								7.1	5.4
ENE	3.2	1.9	1.7	.1								7.0	4.4
E	7.0	8.3	2.2									17.4	4.1
ESE	1.9	4.1	1.5	.2								7.7	4.9
SE	1.1	.5	.5	.5								2.7	6.2
SSE	1.1	.3	.3	.4	.1							2.3	6.3
S	.6	.3	.4	.9	.5							2.8	9.9
SSW	.9	1.2	1.1	1.0								4.1	7.2
SW	.5	1.6	1.0	.1	.1	.2						3.5	7.3
WSW	.2	1.4	.6	.2	.1							2.6	6.8
W	1.0	1.1	1.1	.4	.1							3.7	6.8
WNW	1.0	.6	.9	.1								2.6	5.4
NW	.8	1.1	1.2	1.0	.1							4.1	8.2
NNW	.8	1.4	.9	.5								3.5	6.6
VARBL	3.2	1.2										4.4	2.9
CALM												18.4	
	26.9	30.0	17.1	6.2	1.2	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO 68-70, 73-79 YEARS MAY MONTH
ALL WEATHER CLASS C90G-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.3	.4	.4								1.5	8.2
NNE	.3	.8	.6	.4								2.2	7.4
NE	.9	1.9	3.0	.1								5.9	6.5
ENE	1.1	2.2	1.0	.2								4.4	5.2
E	3.1	4.6	1.9	.1								9.8	4.9
ESE	1.6	4.8	.6	.6	.1							7.8	5.4
SE	1.2	2.2	.9	.3								4.5	5.6
SSE	1.5	.8	.3	.2								2.8	4.6
S	1.5	2.0	1.2	.3	.2							5.3	6.1
SSW	1.3	1.8	1.9	1.6	.4	.2						7.3	8.6
SW	.5	1.7	1.4	1.0	.3	.1	.1					5.2	8.7
WSW	1.6	1.8	1.9	.3	.2							5.9	6.3
W	1.6	3.5	1.7	1.3	.2							8.4	6.7
WNW	.9	2.9	1.8	.6								6.2	6.4
NW	.2	1.4	1.8	.6								4.1	7.9
NNW	.5	.8	.5	1.3								3.1	8.2
VARBL	3.3	4.6	.1									8.1	3.7
CALM												7.5	
	21.5	38.2	21.3	9.6	1.5	.3	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		.1	.4	.4								1.0	10.3
NNE	.1	.6	.6	.3								1.7	8.0
NE	.1	.6	1.4	.6								3.8	8.4
ENE	.2	.6	.4	.6								1.9	7.7
E	1.0	.6	1.3	.4								3.3	6.4
ESE	.5	1.3	.6	.2								2.7	5.9
SE	.1	.4	.9	.8	.2							2.4	10.3
SSE	.2	.3	.3	.5	.1							1.5	9.4
S	.1	1.2	.9	.9	.1							3.1	8.3
SSW	.6	1.0	1.2	1.0	.4							4.2	8.6
SW	.3	.9	3.3	1.5	.4							6.5	9.4
WSW	.9	3.4	4.0	1.9	.1	.1						10.4	7.7
W	2.2	8.1	10.5	2.3	.5							23.5	7.4
WNW	.6	3.5	9.7	2.3	.2							16.3	8.3
NW	.1	.6	3.2	3.4	.4	.1						8.0	10.7
NNW		.4	1.2	1.0	.1							2.7	10.1
VARBL	1.4	4.1	.2									5.7	4.4
CALM												2.3	
	8.5	28.0	40.2	18.2	2.7	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS MAY MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CO/DIVISION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.1	.9								1.0	12.7
NNE		.3	1.1	.1								1.5	8.0
NE	.3	.4	1.0	.8	.1							2.6	9.0
ENE	.1	.4	.3	.2	.1							1.2	8.3
E	.2	.5	.4	.4								1.6	7.9
ESE	.1	.3	.5	.5								1.5	8.9
SE	.2	.4	.3	1.0								1.9	9.2
SSE	.1	.3	.4	.9								1.7	9.6
S	.3	.1	.3	.5	.1							1.4	9.1
SSW		.3	1.4	1.7	.4							3.9	11.6
SW	.1	.9	2.2	1.6	.2							4.9	9.7
WSW		1.3	3.5	2.2								7.0	9.1
W	.6	4.9	12.8	2.8	.2							21.4	8.2
WNW	.3	4.7	14.1	5.2	.3							24.6	8.8
NW		1.7	6.9	5.1	.3							14.0	9.9
NNW	.3	.8	3.2	3.3	.2							7.8	10.1
VARBL	.4	1.2	.2									1.8	4.8
CALM												.1	
	3.2	18.7	48.8	27.1	2.0							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO

68-70, 73-79

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.0	1.1	1.5								4.2	8.3
NNE	.1		.4	.2								.8	8.9
NE	.3	.5	1.4	.8								3.0	8.6
ENE	.1	.3	.3	.3	.1							1.2	9.0
E	.2	.4	.4									1.1	5.5
ESE	.1	.3	.5	.1	.1							1.2	8.5
SE	.1	.3	.6	.6	.2							1.9	10.4
SSE	.1	.2	.5	.1								1.0	7.7
S	.2	.4	.8	.6	.4							2.5	9.9
SSW	.1	1.2	1.5	1.1	.3							4.8	8.8
SW	.6	.9	2.2	1.6								5.3	8.6
WSW	.6	2.4	2.2	1.2	.2							6.6	7.9
W	1.7	7.8	5.8	1.5								16.9	6.5
WNW	1.3	7.4	6.1	1.4								16.2	6.9
NW	1.7	3.8	7.2	2.8	.1							15.6	7.8
NNW	.9	2.7	4.9	3.4	.1							12.0	8.7
VARB	1.0	.5	.1									1.6	3.3
CALM												4.2	
	9.9	30.9	36.1	17.3	1.6							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE HNC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS MAY MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.5	1.1	.1								4.9	5.1
NNE	.4	.5	.4	.4								1.8	6.5
NE	.3	.3	1.6	.5								2.8	8.2
ENE	.3	.9	.6	.2								2.0	6.5
E	1.5	.4	.3									2.3	3.8
ESE	.2	.9	.1									1.2	4.5
SE	.5	.5	1.0	.4	.4							2.9	9.1
SSE	.5	.5	.3	.4								1.8	6.8
S	.6	.8	.9	.5								2.8	6.6
SSW	.8	1.7	1.6	.8	.2							5.1	7.2
SW	1.2	2.7	2.6	.8		.1						7.3	6.9
WSW	1.7	4.1	1.8	.9	.2							8.7	6.3
W	3.5	4.9	1.9	1.0	.1							11.5	5.4
WNW	1.5	4.5	1.4	1.7								9.1	6.4
NW	.6	2.3	2.0	1.5								6.5	7.3
NNW	1.7	1.6	3.8	.5								7.6	6.4
VARBL	3.1	.3	.2									3.5	2.9
CALM												18.1	
	19.9	29.5	21.7	9.8	1.0	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS MAY MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.3	.8	.7	.5	.0							2.9	6.6
NNE	.4	.7	.7	.3								2.1	6.6
NE	.7	1.2	1.6	.4	.0							3.9	6.8
ENE	1.2	1.0	.7	.3	.0							3.2	5.4
E	2.7	2.8	1.0	.1								6.6	4.5
ESE	.9	1.9	.7	.3	.0							3.8	5.5
SE	.6	.9	.7	.6	.1							2.8	7.5
SSE	.6	.4	.4	.4	.0	.0						1.8	6.9
S	.6	.8	.6	.5	.3	.0						2.8	8.0
SSW	.7	1.3	1.3	1.1	.3	.0						4.8	8.4
SW	.7	1.5	1.9	.9	.1	.1	.0					5.3	7.9
WSW	.9	2.2	2.0	.9	.1	.0						6.2	7.1
W	1.8	4.3	4.6	1.4	.3							12.3	7.1
WNW	.9	3.3	4.6	1.5	.1							10.3	7.6
NW	.7	1.8	3.2	2.0	.1	.0						7.8	8.4
NNW	.8	1.5	2.0	1.4	.1							5.8	7.8
VARBL	2.4	1.8	.1	.0								4.2	3.5
CALM												13.4	
	17.3	28.1	26.8	12.7	1.6	.1	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION MUNSAN AB KO 68-70,73-79 YEARS JUN MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.3	1.2	.6	.1								3.2	4.6
NNE	.3	.2	.4	.1								1.1	6.4
NE	.9	.1	.2	.1								1.6	4.1
ENE	.7	.4	.4		.1							1.7	5.5
E	1.6	1.4	.6	.2								4.0	4.8
ESE	1.0	.9	1.3									3.2	5.6
SE	.8	.9	.7	.1								2.4	5.7
SSE	.3	.6	.8	.2	.2							2.1	8.4
S	.9	.9	.6	1.7	.2							4.2	9.0
SSW	1.6	1.9	2.2	1.2	.3	.1						7.3	7.6
SW	1.7	3.3	1.4	1.0								7.5	6.2
WSW	2.8	2.6	.9	.1	.1							6.5	4.7
W	2.1	4.0	1.9	.3								9.1	5.3
WNW	2.6	2.3	.3		.2							5.5	4.4
WW	1.6	2.3	.8	.1								4.6	4.6
NNW	2.3	2.8	.4	.3								5.9	4.5
VAABL	2.1	.9										3.0	2.6
CALM												26.9	
	24.5	27.8	13.8	5.7	1.2	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219

KUNSAN AB KO

68-70, 73-79

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	2.1	1.3	.3									3.8	3.5
NNE	1.1	.7	.6	.1								2.4	5.0
NE	1.4	1.0	.6									3.0	4.0
ENE	2.3	.6	.4	.2	.1							3.7	4.5
E	3.6	2.9	1.0									7.4	4.1
ESE	1.4	2.2	.8	.4								4.9	5.1
SE	1.6	1.8	.4									3.8	4.4
SSE	.2	1.1	.9	.3	.1							2.7	7.1
S	.6	.6	.7	.9	.7							3.3	10.5
SSW	.9	.6	1.7	1.0	.2	.2	.1					4.7	9.5
SW	1.0	2.2	1.9	.7	.1							5.9	6.8
WSW	1.3	1.9	1.8	.3								5.3	6.0
W	2.7	3.2	1.1	.3								7.3	4.8
WNW	1.6	1.2	.7	.1								3.6	4.7
NW	1.2	1.4	.4	.3								3.4	5.4
NNW	1.3	1.6	.2									3.1	3.9
VARBL	2.3	.9										3.2	2.9
CALM												28.4	
	26.7	25.1	13.4	4.8	1.2	.2	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS JUN MONTH
0600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.6	1.4	.4									2.4	4.9
NNE	1.8	.9	.7									3.3	3.9
NE	2.0	1.7	1.6	.2								5.4	5.1
ENE	2.1	2.4	.9	.2	.1							5.8	4.9
E	4.0	5.8	1.7									11.4	4.3
ESE	2.0	2.9	.9									5.7	4.6
SE	1.3	1.7	1.7	.3								5.0	5.9
SSE	.7	1.7	.7	.3		.1						3.4	6.3
S	.6	1.3	.4	.8	.2							3.3	7.4
SSW	.6	1.8	1.0	1.7	.4		.1					5.6	9.3
SW	1.3	2.1	.9	1.0	.1							5.4	6.6
WSW	.6	1.6	.9									3.0	5.2
W	2.0	2.2	.9	.4	.1							5.7	5.5
WNW	.9	.3	.1									1.3	3.5
NW	.3	1.4	.8	.1								2.7	5.9
NNW	.6	1.3	.4	.2								2.6	5.7
VARBL	4.3	2.1										6.4	2.9
CALM												21.4	
	25.6	32.6	13.9	5.3	1.0	.1	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.4	1.0	.7	.2								2.3	6.1
NNE	.1	.8	.4	.2								1.6	6.8
NE	.7	.9	.9	.7								3.1	7.4
ENE	.9	1.6	1.2	.3	.1							4.1	6.4
E	2.6	4.6	2.1	.4	.1							9.8	5.4
ESE	2.8	2.6	1.6	.3								7.2	4.8
SE	1.2	1.4	.8	.4								3.9	5.7
SSE	1.2	1.8	.7	.3								4.0	5.5
S	2.0	2.6	.6	1.0	.1							6.2	5.9
SSW	.6	2.0	2.2	2.1	.3							7.2	8.6
SW	1.4	2.6	2.2	1.1	.1							7.5	7.0
WSW	1.3	3.4	1.4	.7								6.9	5.8
W	2.3	5.7	1.0	.4								9.5	5.0
WNW	1.3	2.4	1.8	.4								6.0	5.8
NW	.6	1.1	1.2									2.9	5.9
NNW	.1	.7	.7	.2								1.7	7.2
VARBL	5.2	5.9	.7									11.8	3.9
CALM												4.3	
	24.8	40.9	20.1	9.0	.8							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS 0900-1100
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.4	1.0	.7	.2								2.3	6.1
NNE	.1	.8	.4	.2								1.6	6.8
NE	.7	.9	.9	.7								3.1	7.4
ENE	.9	1.6	1.2	.3	.1							4.1	6.4
E	2.6	4.6	2.1	.4	.1							9.8	5.4
ESE	2.8	2.6	1.6	.3								7.2	4.8
SE	1.2	1.4	.8	.4								3.9	5.7
SSE	1.2	1.8	.7	.3								4.0	5.5
S	2.0	2.6	.6	1.0	.1							6.2	5.9
SSW	.6	2.0	2.2	2.1	.3							7.2	8.6
SW	1.4	2.6	2.2	1.1	.1							7.5	7.0
WSW	1.3	3.4	1.4	.7								6.9	5.8
W	2.3	5.7	1.0	.4								9.5	5.0
WNW	1.3	2.4	1.8	.4								6.0	5.8
NW	.6	1.1	1.2									2.9	5.9
NNW	.1	.7	.7	.2								1.7	7.2
VARBL	5.2	5.9	.7									11.8	3.9
CALM												4.3	
	24.8	40.9	20.1	9.0	.8							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS JUN MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	.9	.1								1.2	7.8
NNE	.1	.1	.8	.1								1.1	8.2
NE	.2	.9	1.0	.1								2.2	6.5
ENE	.1	.4	1.1	.2								1.9	7.5
E	.4	1.1	1.2	.7								3.4	7.5
ESE	.8	1.0	.2	.2	.1							2.3	6.1
SE	.2	.6	1.3	.7	.1							2.9	8.8
SSE	.4	.6	.7	.2	.1							2.0	7.0
S	.2	.8	.6	.4	.3							2.3	8.9
SSW	.6	.9	1.3	1.7	1.0							5.4	10.9
SW	.8	2.0	2.6	2.0	.1							7.4	8.6
WSW	1.2	2.9	3.7	.6								8.3	6.7
W	1.1	8.8	14.7	1.2								25.8	7.1
WNW	.2	6.9	12.0	.9								20.0	7.4
NW	.6	1.0	3.9	.9								6.3	7.9
NNW			.6	.3								.9	10.3
VARB	.9	3.0	.9									4.7	4.9
CALM												1.7	
	7.8	31.1	47.3	10.3	1.8							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KC 68-70,73-79 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
"L499" HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.3								.7	9.0
NNE	.1	.3	.3	.2								1.0	8.0
NE	.1	.3	.8	.3								1.6	7.7
ENE	.2	.6	1.6	.2								2.6	7.4
E	.3	.1	1.3	.3								2.1	8.0
ESE	.1	.7	.7	.8								2.2	8.7
SE		.3	.1	.1	.2	.1						.9	12.3
SSE	.1	.2	.6	.6	.1			.1				1.7	11.9
S		.1	.2	.9	.4							1.7	12.9
SSW	.2	.2	1.7	1.6	.8							4.4	11.7
SW	.2	.9	2.1	2.0	.2							5.4	9.8
WSW	.6	2.1	3.0	1.2								6.9	7.8
W	.7	5.7	15.4	2.0								23.1	8.0
WNW	.6	3.6	15.7	2.2								22.0	8.2
NW	.1	3.3	10.1	2.8								16.3	8.6
NNW	.1	.7	2.8	1.7								5.2	9.2
VARBL	.6	.2	.3									1.1	5.0
CALM												1.1	
	4.1	18.8	56.8	17.2	1.8	.1		.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS JUN MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.2	1.2	.2								2.2	6.9
NNE	.1	.1	.1									.3	5.0
NE	.3	.3	.9	.1	.1							1.8	7.6
ENE		.7	1.2	.2								2.1	8.1
E	.3	.7	1.0									2.0	6.3
ESE	.7	.3	.2	.4								1.7	6.7
SE	.1	.3	.4	.4	.3							1.7	10.7
SSE		.7	.7	.4	.1							1.9	8.8
S	.2	.6	.4	.8	.3							2.3	10.7
SSW	.1	1.0	1.3	1.1								3.6	8.7
SW	.1	1.2	2.2	1.7	.2							5.4	9.4
WSW	.7	3.1	3.3	.2								7.3	6.7
W	1.9	7.0	8.3	1.0								18.2	6.5
WNW	2.1	6.6	6.9	.4								16.0	6.3
NW	1.2	6.1	8.3	1.2								16.9	7.0
NNW	.8	3.0	5.7	2.0								11.4	7.6
VARBL	1.2	.4										1.7	2.8
CALM												3.4	
	10.4	32.3	42.3	10.3	1.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	2.2	.7	.1								4.8	4.7
NNE	.4	.3										.8	3.3
NE	.2	.7	.2		.3							1.4	7.6
ENE	.1	1.0	1.3	.2								2.7	7.0
E	.1	.4	.7									1.2	5.8
ESE	.3	.9	1.0									2.2	6.1
SE	.2	.4	.1	.4								1.2	7.7
SSE	.3	.8	.2	.3	.4							2.1	9.1
S	.6	1.6	.2	1.3	.2	.1						4.0	8.9
SSW	.6	1.4	1.2	.9								4.1	7.5
SW	1.9	3.3	2.8	.9								8.8	6.3
WSW	2.1	3.6	1.2	.1								7.0	4.6
W	4.9	7.0	2.2	.2								14.3	4.6
WNW	2.4	4.8	1.4	.7								9.3	5.4
NW	2.7	4.3	1.4	.2	.1							8.8	5.1
NNW	3.1	4.1	2.0	.3								9.6	5.1
VARBL	1.1	.6	.1									1.8	3.4
CALM												15.9	
	22.8	37.4	16.9	5.8	1.1	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70,73-79 JUN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.7	.6	.1								2.6	5.2
NNE	.5	.4	.4	.1								1.5	5.5
NE	.7	.8	.8	.2	.1							2.5	6.0
ENE	.8	1.0	1.0	.2	.1							3.1	6.1
E	1.6	2.1	1.2	.2	.0							5.2	5.2
ESE	1.1	1.4	.8	.3	.0							3.7	5.5
SE	.7	.9	.7	.3	.1	.0						2.7	6.7
SSE	.4	.9	.6	.3	.1	.0		.0				2.5	7.5
S	.6	1.0	.5	1.0	.3	.0						3.4	8.6
SSW	.6	1.2	1.6	1.4	.4	.0	.0					5.3	9.1
SW	1.0	2.2	2.0	1.3	.1							6.7	7.5
WSW	1.3	2.6	2.0	.4	.0							6.4	6.0
W	2.2	5.5	5.7	.8	.0							14.1	6.3
WNW	1.5	3.5	4.9	.6	.0							10.5	6.7
NW	1.0	2.6	3.4	.7	.0							7.8	6.9
NNW	1.0	1.8	1.6	.6								5.0	6.4
VARBL	2.2	1.8	.3									4.2	3.6
CALM												12.9	
	18.3	30.8	28.1	8.6	1.3	.1	.0	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS JUL MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.1	1.2	.8	.1								3.1	4.9
NNE	.8	.6	.4	.3								2.2	5.7
NE	1.0	2.6	1.2	.1								4.8	5.3
ENE	1.2	1.0	1.1									3.2	4.8
E	2.6	2.0	.9									5.5	3.9
ESE	1.1	1.6	.6	.1								3.4	4.7
SE	.8	2.4	1.4	.3								4.8	5.7
SSE	.6	2.3	2.3	1.0	.1							6.2	7.4
S	1.3	1.9	2.7	2.3		.2						8.4	8.2
SSW	1.4	2.2	2.7	2.6	.8							9.6	8.8
SW	2.3	1.9	1.9	.6	.2							7.0	6.0
WSW	1.7	1.4	.5	.4								3.7	5.0
W	2.0	1.0	.4	.2								3.7	4.1
WNW	.8	.9	.2									1.8	4.1
NW	1.7	.9	.2									2.8	3.5
NNW	2.0	1.8	.8	.2								4.8	4.7
VARBL	.9	.5		.2								1.6	4.0
CALM												23.3	
	22.7	26.1	18.1	8.5	1.1	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS JUL MONTH
ALL WEATHER CLASS C300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.4	.2	.2								2.8	4.0
NNE	1.2	.6	.4	.3								2.6	5.4
NE	1.7	3.2	1.7	.1								6.8	5.3
ENE	2.3	1.7	.9									4.8	4.4
E	4.0	2.3	.4									6.7	3.4
ESE	2.0	1.8	.9	.2								4.9	4.6
SE	1.2	3.1	2.8	1.0								8.1	6.5
SSE	.9	2.8	2.6	.8								7.0	6.8
S	1.4	2.3	1.8	1.6								7.1	7.1
SSW	.5	1.3	2.4	1.3	.3	.4						6.2	10.1
SW	1.1	.6	1.1	1.2	.2	.1						4.3	8.6
WSW	1.2	1.1	.1									2.4	3.7
W	1.3	1.3	.4	.2								3.2	4.6
WNW	1.0	.5	.3	.3	.1							2.3	6.2
NW	1.0	.3	.3	.1								1.7	4.4
NNW	1.4	1.0	.6									3.0	4.3
VARBL	1.4	.3	.1	.2								2.0	4.3
CALM												24.1	
	25.4	24.7	17.1	7.5	.6	.5						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 JUL
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.6	.2									1.7	4.3
NNE	.8	.5	.9									2.2	5.0
NE	1.3	2.6	2.3	.6								6.8	6.2
ENE	2.8	3.3	2.2	.3								8.6	5.0
E	5.2	5.7	1.1	.2								12.2	4.1
ESE	2.7	3.2	2.3	.1								8.3	5.1
SE	1.8	3.9	3.0	.3	.3							9.4	6.4
SSE	1.0	1.9	3.1	.9	.1							7.0	7.3
S	1.4	2.3	2.7	1.6	.1							8.1	7.4
SSW	.3	.9	2.4	.5	.4							4.5	8.5
SW	.2	1.5	.8	.4								2.9	7.1
WSW	.4	.4	.4	.6								1.9	7.9
W	.9	.5	.4	.1								1.9	4.9
WNW	.6	.2		.2	.2							1.3	7.1
NW	.6	.3	.1	.8								1.8	7.2
NNW	.4	1.4	.5	.1								2.5	5.7
VARBL	2.0	.2										2.3	2.5
CALM												16.8	
	23.3	29.6	22.3	6.9	1.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS JUL MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5		.2								1.3	4.9
NNE	.6	.6	.5	.4								2.3	6.4
NE	1.0	2.5	3.0	.1								6.6	6.3
ENE	1.2	2.6	1.6	.4								5.8	5.9
E	2.2	4.0	1.7	.7	.1							8.3	5.3
ESE	1.5	3.3	2.2	.5		.1						7.6	6.1
SE	1.5	3.4	1.8	1.0								7.7	6.1
SSE	1.6	2.4	1.6	1.3	.4							7.3	7.3
S	2.0	2.5	1.7	2.5	.6	.1						9.5	8.2
SSW	1.1	2.7	3.4	3.0	.2							10.4	8.6
SW	.8	2.5	2.9	.1								6.2	6.5
WSW	1.3	1.9	.1	.1								3.4	4.2
W	2.0	1.7	.4	.1								4.3	4.2
WNW	1.1	2.2	.8	.3	.1							4.4	5.7
NW	.4	1.0	.6	.3								2.4	7.2
NNW		.6	.3	.6								1.6	8.9
VARBL	3.1	3.2	.4									6.8	3.9
CALM												4.1	
	21.9	37.6	23.2	11.4	1.5	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70,73-79 YEAR JUL MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.5	.3	.2								1.1	6.7
NNE	.3	.8	.8	.2								2.0	6.7
NE	.2	1.6	1.3	.8								3.9	7.4
NNE	.4	1.9	.6	.3								3.3	6.0
E	.9	2.4	1.5	.9								5.6	6.5
ESE	.5	1.3	.8	.2	.4	.1						3.3	8.2
SE	.3	1.0	.8	.4								2.5	7.3
SSE	.4	.8	1.2	1.0	.3							3.7	9.2
S	.6	1.0	1.5	1.4	.1	.2						4.8	9.0
SSW	.5	1.2	2.8	4.7	1.2	.2						10.6	11.3
SW	.8	3.4	5.2	2.6	.2							12.2	8.2
WSW	.8	3.4	2.5	.9								7.5	6.7
W	1.7	8.2	4.3	1.1								15.3	6.0
WNW	.5	5.2	6.0	.9								12.6	6.8
NW	.4	.9	1.4	1.4								4.1	8.3
NNW	.1	.2	.3	.3								1.0	8.3
VARBL	1.3	3.2	1.0									5.5	4.7
CALM												1.1	
	9.9	36.9	32.2	17.2	2.3	.5						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43214 STATION KUNSAN AB KO 68-70, 73-79 YEARS JUL
STATION NAME CLASS MONTH
ALL WEATHER
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.3	.5	.4	.4								1.7	7.6
NNE	.3	.2	.5									1.1	6.1
NE		.9	1.2	.5								2.5	8.3
ENE	.1	.4	1.1	.3	.2							2.2	9.0
E	.5	1.7	1.4	.6								4.3	6.9
ESE	.3	.9	1.1	.3	.1	.2						2.8	9.4
SE		.4	.5	.2								1.2	8.2
SSE	.1	.3	.6	.6	.1							1.8	9.8
S	.3	.5	.6	1.0	.3							2.8	9.8
SSW	.1	.3	2.8	4.3	1.2							8.7	12.2
SW	.3	1.9	4.4	3.4	.6							10.8	9.8
WSW	.5	2.2	2.7	1.4								6.8	7.7
W	1.6	7.7	5.9	1.4								15.9	6.6
WNW	1.4	6.1	11.7	.8								19.2	7.1
NW	.1	1.7	6.6	2.6								11.0	8.8
NNW	.1	1.7	2.4	.9								4.3	8.2
VARBL	.9	.4	.5	.1								1.9	5.1
CALM												1.1	
	7.1	26.3	43.8	18.9	2.6	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN A3 KO 68-70,73-79 JUL
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MONTH
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.8	1.7	1.1	.4								4.0	5.8
NNE	.3	.2	.4	.2	.2							1.4	8.2
NE	.5	.9	1.8	.1	.1							3.4	6.7
ENE	.5	1.3	.5	.3								2.7	6.1
E	.1	1.3	1.5	.1	.1							3.1	7.6
ESE	.1	1.2	1.6		.1	.2						3.2	8.2
SE	.1	.5	.5									1.2	6.3
SSE	.2	.3	1.0	.4								1.9	8.2
S	.4	1.1	1.6	.4	.2							3.8	8.1
SSW		1.3	3.2	5.1	.3	.2						10.1	11.1
SW	.4	2.4	3.8	2.0	.3							8.9	8.8
WSW	.8	1.8	2.4	.8								5.7	7.0
W	2.3	4.4	3.0	.3								10.0	5.5
WNW	3.3	4.4	2.8	.1								10.6	5.1
NW	1.7	4.5	6.7	1.0	.1							14.0	6.8
NNW	1.1	3.5	4.4	.5								9.6	6.6
VARBL	.6	.9	.3									1.8	4.3
CALM												4.5	
	13.3	31.7	36.7	11.8	1.5	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS JUL MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.4	1.3	.4	.2								4.3	4.2
NNE	.1	.4		.4								1.0	7.9
NE	.6	2.4	1.6									4.6	5.5
ENE	1.1	1.1	.5	.1								2.8	4.8
E	1.0	2.0	.3	.2								3.5	5.1
ESE	1.0	2.5	1.1	.2	.3							5.1	6.2
SE	.9	1.1	2.0	.1		.1						4.2	6.7
SSE	.1	.4	1.0	1.0								2.7	8.6
S	1.2	2.1	1.8	1.8	.3							7.2	8.3
SSW	1.0	3.3	3.1	2.6	.6							10.6	8.6
SW	1.1	2.9	2.3	1.6	.1							8.0	7.6
WSW	1.4	1.4	.9	.1								3.8	4.8
W	1.6	2.6	.1	.3								4.6	4.6
WNW	2.5	1.2	.3									4.0	3.5
NW	2.7	2.8	1.2	.1								6.8	4.5
NNW	2.2	2.4	1.7									6.2	5.0
VARBL	.9	.9										1.7	3.4
CALM												18.9	
	21.5	30.9	13.4	8.8	1.4	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 JUL
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.0	.9	.4	.2								2.5	5.1
NNE	.6	.5	.5	.2	.0							1.8	6.2
NE	.8	2.1	1.8	.3	.0							4.9	6.2
ENE	1.2	1.7	1.1	.2	.0							4.2	5.5
E	2.0	2.7	1.1	.3	.0							6.1	5.0
ESE	1.2	2.0	1.3	.2	.1	.1						4.8	6.2
SE	.8	2.0	1.6	.4	.0	.0						4.9	6.4
SSE	.6	1.4	1.7	.9	.1							4.7	7.7
S	1.1	1.7	1.8	1.6	.2	.1						6.5	8.1
SSW	.6	1.6	2.8	3.0	.6	.1						8.9	10.0
SW	.9	2.2	2.8	1.5	.2	.0						7.5	8.0
WSW	1.0	1.7	1.2	.5								4.4	6.2
W	1.7	3.3	1.9	.5								7.4	5.6
WNW	1.4	2.6	2.7	.3	.1							7.0	6.2
NW	1.1	1.5	2.1	.8	.0							5.6	6.8
NNW	.9	1.5	1.4	.3								4.1	6.1
VARBL	1.4	1.2	.3	.1								3.0	4.1
CALM												11.7	
	18.1	30.5	26.5	11.4	1.5	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

42219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS
ALL WEATHER CLASS
AUG MONTH
0000-0200 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	.9	.6	.2								3.8	4.2
NNE	.7	1.3	.6	.2								3.0	5.3
NE	1.9	2.7	1.4	.3								6.3	5.2
ENE	2.9	1.4	1.1	.4								5.8	4.7
E	5.1	2.5		.3								7.8	3.6
ESE	1.9	1.9	.3									4.2	4.1
SE	1.1	3.1	1.4	.1								5.7	5.2
SSE	1.7	1.4	1.2	.8	.2							5.3	6.6
S	1.5	2.5	2.6	2.6	.5	.1						9.8	8.7
SSW	1.3	1.4	2.4	1.6	.1		.1					6.9	8.5
SW	.5	.9	.8	.3		.2						2.7	7.7
WSW	.8	1.3	.5									2.6	4.8
W	1.2	1.7	1.2	.4								3.8	6.1
WNW	.4	.5	.4		.1	.2						1.7	8.2
NW	.5	1.3	.5	.1								2.7	5.0
NNW	1.4	.8	.5	.3								3.0	5.2
VARB	1.3	.3		.1								1.7	3.4
CALM												23.2	
	26.7	25.1	15.6	7.8	1.0	.5	.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219

KUNSAN AB KO

68-70,73-79

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.5	1.1	.6	.2								3.4	5.2
NNE	2.2	.8		.1								3.0	3.3
NE	2.9	4.0	2.0	.4								9.4	5.3
ENE	3.8	2.4	1.0	.4								7.5	4.5
E	7.6	3.1		.2								11.0	3.2
ESE	2.0	3.9	.6	.2	.2							7.0	4.9
SE	1.1	3.0	1.4	.3								5.8	5.7
SSE	.3	2.4	2.2	.6								5.5	6.9
S	.8	1.8	2.4	2.3	.3							7.5	9.0
SSW	1.1	1.1	.9	1.7	.9	.1						5.7	10.0
SW	.6	.9	.5	.8	.1	.1						3.0	8.5
WSW	.2	1.5	.9	.1								2.7	5.7
W	.9	1.2	.4	.1								2.6	5.0
WNW	.8	.1	.8	.3	.1							2.0	7.1
NW	.2	1.2	.2	.5								2.2	6.7
NNW	1.4	.6	.3	.2								2.6	4.6
VARIABLE	.8	.2										1.0	2.9
CALM												18.2	
	29.1	29.1	14.2	8.6	1.6	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN A9 KO 68-70,73-79 YEARS AUG MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.8	.8	.1								2.8	5.3
NNE	1.4	1.3	1.0									3.7	4.8
NE	2.5	3.9	2.5	1.0								9.8	6.1
ENE	4.2	4.2	1.7	.4	.1							10.3	5.0
E	6.7	6.3	.4	.2								15.7	3.6
ESE	2.7	4.3	.5									7.5	4.2
SE	.9	3.5	2.6	.3	.1							7.3	6.5
SSE	.6	2.8	2.2	.4		.1						6.1	6.8
S	.5	1.6	1.7	2.3	1.1							7.2	10.3
SSW	.1	.3	1.0	2.9	.5							4.8	12.3
SW	.6	.8	.3	.5	.2							2.5	8.0
WSW	.3	.5	.2	.4								1.6	7.1
W	.3	.4	.5	.1								1.4	6.3
WNW	.4	.5	.3	.2								1.5	6.2
NW	.1	.8	.4	.3								1.6	7.3
NNW	.5	.5	.5	.2	.1							1.9	6.8
VARBL	1.8	.5		.2								2.6	3.8
CALM												11.3	
	26.9	33.1	16.8	9.7	2.2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70, 73-79 AUG
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
C900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.2	.9	1.0	.2								2.3	7.0
NNE	.4	.9	.6	.1								2.0	5.5
NE	1.1	2.0	4.0	.5		.1						7.7	7.2
ENE	1.3	1.6	2.9	1.0	.2							7.0	7.4
E	2.6	6.3	2.3									11.2	4.9
ESE	1.3	4.7	1.6				.1					8.3	4.9
SE	1.3	2.7	2.3									6.2	5.5
SSE	.6	2.2	2.4	.1	.2	.1						5.6	7.0
S	1.0	2.3	2.3	3.0	.5	.1						9.1	9.3
SSW	.4	1.7	2.8	3.3	1.3							9.6	10.5
SW	1.0	1.5	1.1	1.4								4.9	7.6
WSW	.9	1.6	.5	.1								3.1	4.8
W	1.0	1.6	.9	.2								3.7	5.5
WNW	.4	1.3	.9	.5								3.1	6.9
NW		.3	.5	.2								1.1	8.1
NNW	.1	.8	.7	.9								2.6	9.0
VARM	5.7	2.5	.6	.6								9.5	4.2
CALM												3.0	
	19.8	34.8	27.4	12.3	2.3	.3	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70, 73-79 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	.4	.4	.1							1.5	8.9
NNE	.6	.5	1.3	.3								2.8	6.5
NE	.5	1.5	2.9	1.0								5.9	7.6
ENE	.5	1.1	1.4	.8	.1	.1						4.0	8.1
E	1.0	1.6	.9	.2								3.7	5.2
ESE	.5	1.3	1.1	.1			.1					3.1	6.3
SE	.1	1.1	1.4	.3			.1	.1				3.1	8.8
SSE	.5	.6	.4	.5	.1							2.3	7.7
S	.9	.3	.8	1.4	.3	.1						3.8	9.7
SSW	.9	.8	1.7	3.8	2.5							9.6	12.5
SW	.6	2.6	3.7	2.6	.8							10.2	9.1
WSW	1.1	2.2	2.9	1.3								7.4	7.6
W	1.2	7.7	6.6	.1								15.6	6.2
WNW	.6	3.7	7.2	1.0	.1							12.6	7.4
NW	.2	.8	2.0	.9								3.9	8.9
NNW	.1	.1	.6	.6	.1							1.6	9.5
VARBL	3.0	3.7	.8	.5								8.0	4.7
CALM												1.1	
	12.6	29.9	36.0	15.8	4.1	.2	.2	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 93C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70, 73-79 AUG
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	1.3	.3	.2							2.7	8.5
NNE	.2	.6	.9	.8								2.5	8.0
NE	.4	1.0	2.0	1.1								4.5	8.5
ENE	.2	.8	.2	.4	.2							1.8	8.7
E	.3	.8	.3	.1								1.5	5.4
ESE	.5	.6	.3	.1								1.6	5.2
SE		.2	.9	.1								1.2	8.2
SSE		.2	.2	.2	.2							.9	11.4
S	.1	.1	1.0	1.4		.1			.2			2.9	13.8
SSW	.2	.1	.6	3.2	2.0			.1				6.3	14.7
SW	.6	1.7	2.5	3.9	.2							8.9	9.6
WSW	.3	1.1	3.4	1.4								6.2	8.7
W	1.1	4.0	7.7	.5								13.3	7.0
WNW	.6	4.6	12.6	.6								18.5	7.3
NW	.1	1.1	10.0	2.8								14.0	9.1
NNW	.4	.9	3.0	1.4	.1							5.8	9.1
VARBL	1.8	2.9	1.0	.4								6.1	5.2
CALM												1.2	
	7.4	21.2	48.0	18.8	3.0	.1		.1	.2			100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43214 STATION KUNSAN A3 KO 68-70,73-79 YEARS AUG
MONTH
1900-2000
HOURS (L.S.T.)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.4	2.3	1.6	.4								4.7	6.7
NNE	.5	1.4	1.0	.3								3.2	6.0
NE	.5	2.3	1.2	.2								4.2	5.9
ENE	.6	.8	1.1	.4	.2							3.1	7.3
E	1.2	.8	.2									2.2	3.8
ESE	.7	1.0	.3									1.6	4.7
SE	.3	.4	.6	.4								1.8	7.5
SSE		.1	.4	.4	.1							1.1	11.7
S	.3	.6	1.2	2.0	.3							4.5	10.9
SSW	.3	1.0	2.2	2.8	.1		.1	.1				6.6	10.8
SW	.3	2.4	2.9	1.7	.1		.1					7.5	8.6
WSW	1.1	3.1	1.9	.8								6.9	6.5
W	2.8	2.4	1.2	.4								7.3	5.0
WNW	1.1	3.4	2.6	.4								7.5	6.2
NW	.9	3.9	5.8	1.2		.2						11.9	7.4
NNW	1.9	7.3	7.1	2.3	.1							18.7	7.1
VARBL	1.5	1.1		.3								2.9	4.4
CALM												4.2	
	14.2	34.6	31.3	14.2	1.0	.2	.2	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS AUG MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	4.2	1.2	.3								8.3	4.7
NNE	1.5	1.7	.4	.1								3.8	4.3
NE	1.3	2.5	1.6	.1								5.5	5.3
ENE	1.6	2.2	1.0	.1	.3							5.2	5.8
E	1.9	3.1	.2									5.3	4.0
ESE	.4	1.0	.5									1.9	4.9
SE	.8	1.3	.5	.2								2.8	5.3
SSE	.1	1.6	.9	.5	.2							3.3	7.8
S	.3	1.3	2.6	2.0	.4							6.7	9.6
SSW	.6	2.3	2.3	1.5	.1	.1						6.9	8.5
SW	1.2	1.5	1.3	.5		.2						4.7	6.8
WSW	1.2	1.4	1.1	.1								3.8	4.8
W	1.2	.8	1.0	.4								3.3	6.1
WNW	1.4	.4	.5			.3						2.7	6.6
NW	1.6	2.4	.4	.2								4.6	4.6
NNW	2.9	3.5	2.3	.6								9.4	5.4
VARBL	2.7	.3		.3								3.3	3.4
CALM												18.6	
	23.3	31.4	17.7	7.2	1.1	.6						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43210 KUNSAN AB KO

68-70, 73-79

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	.9	.3	.0							3.7	5.8
NNE	1.0	1.1	.7	.2								3.0	5.3
NE	1.4	2.5	2.2	.6		.0						6.7	6.3
ENE	1.9	1.8	1.3	.5	.1	.0						5.6	5.9
E	3.5	3.1	.5	.1								7.3	3.9
ESE	1.3	2.3	.7	.1	.0		.0					4.4	4.8
SE	.7	1.9	1.4	.2	.0		.0	.0				4.2	6.2
SSE	.5	1.4	1.2	.5	.1	.0						3.7	7.3
S	.7	1.3	1.8	2.1	.4	.1			.0			6.4	9.7
SSW	.6	1.1	1.7	2.6	.9	.0	.0	.0				7.0	11.0
SW	.7	1.5	1.6	1.5	.2	.1	.0					5.6	8.5
WSW	.7	1.6	1.5	.5								4.3	6.6
W	1.2	2.4	2.4	.3								6.4	6.1
WNW	.7	1.8	3.2	.4	.0	.1						6.2	7.1
NW	.5	1.5	2.5	.8		.0						5.2	7.6
NNW	1.1	1.9	1.9	.8	.1							5.7	6.9
VARA	2.3	1.4	.3	.3								4.4	4.3
CALM												10.1	
	19.9	29.9	25.9	11.0	2.0	.3	.1	.0	.0			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70, 73-79 YEARS
ALL WEATHER CLASS
CONDITION
SEP MONTH
0000-0200 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	2.4	1.7	.3								7.2	5.2
NNE	3.0	4.9	1.3	.3								9.6	4.7
NE	2.6	5.0	.8									8.3	4.3
NNE	5.1	2.6	.3	.3								8.3	3.6
E	7.7	5.3	.3	.1								13.4	3.4
ENE	2.0	3.0	.2									5.2	3.8
SE	1.3	1.7	.6	.4								4.0	5.4
SSE	1.2	.9	.4	.3								2.9	5.3
S	.8	.6	.6	.6	.2							2.7	8.2
SSW	.6	.6	1.0	.6								2.7	7.4
SW	.4	.3	.9	.1								1.8	6.4
WSW	.3	.4	.1		.1							1.0	5.9
W	.3	.3	.2									.9	4.4
WNW	.3	.3	.4	.2								1.3	6.9
NW	.2	.1	.3	.2								.9	7.9
NNW	.9	1.3	.4	.4								3.1	5.3
VARB	1.2	.3										1.6	2.6
CALM												25.1	
	30.8	30.1	9.7	4.0	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO

68-70,73-79

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

C300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	1.8	.6								5.1	6.4
NNE	2.9	3.0	1.7	.3								7.9	4.7
NE	4.9	4.6	1.7									11.1	4.2
ENE	5.6	4.4	.2	.1								10.3	3.5
E	12.1	8.2	.6	.6								21.4	3.6
ESE	3.3	3.6	.3									7.2	3.6
SE	1.6	1.3	.9	.4								4.2	5.5
SSE	.4	1.0	.6	.3	.1							2.4	6.7
S	.1	1.4	.6	.6	.2	.1						3.0	8.7
SSW	.2	.1	.2	.3			.1					1.0	10.3
SW	.1	.1		.2	.1							.6	10.0
WSW	.1	.4	.2	.1								.9	6.5
W	.1	.4	.3	.1								1.0	7.0
WNW		.5	.1	.1								1.0	6.1
NW		.1	.3	.1		.3						.9	14.3
NNW	.2	.7	.7	.1								1.7	6.9
VARBL	1.6	.3										1.9	2.8
CALM												18.3	
	34.4	32.1	10.1	4.0	.4	.4	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS SEP MONTH
0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	1.2	.2								4.3	5.4
NNE	2.0	3.0	1.9	.8								7.7	5.9
NE	3.8	4.8	3.4	.2								12.2	4.9
ENE	6.1	5.7	1.2									13.0	3.9
E	11.6	12.9	1.3	.2								26.0	3.8
ESE	2.7	4.4	.6									7.7	4.1
SE	.7	2.2	1.0	.6								4.4	6.2
SSE	.2	.2	.9	.1								1.4	7.4
S	.2	.9	.3	.4								1.9	7.5
SSW	.3	.4			.2	.1						1.1	8.8
SW	.3	.2		.2								.8	5.4
WSW		.2	.1			.1						.4	11.0
W		.1	.3	.2								.7	10.5
WNW		.2	.2	.1	.1							.7	9.8
NW		.6	.7	.2	.2	.1						1.8	10.9
NNW	.3	.6	.4		.1							1.4	6.1
VARBL	1.4	.6										2.0	2.9
CALM												12.3	
	30.9	38.7	13.7	3.3	.7	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70,73-79 SEP
STATION MONTH
C900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.4	2.7	.7								6.2	7.2
NNE	1.4	2.4	1.9	1.3								7.1	6.9
NE	1.6	4.0	2.9	1.7	.1							10.2	6.9
ENE	1.9	3.6	4.3	.2								10.0	6.0
E	5.8	9.9	2.6	.4								18.7	4.7
ESE	3.7	7.3	1.2									12.2	4.4
SE	1.0	2.3	1.2	.2								4.8	5.6
SSE	.9	1.9	.3	.1								3.1	5.1
S	.9	1.1	1.2	1.0	.3							4.6	8.3
SSW	.4	.7	.8	.2								2.1	6.0
SW	.2	.2	.3									.8	5.4
WSW	.4	.3	.4	.1	.1	.1						1.6	7.9
W	.3	1.0	.6		.3							2.2	7.2
WNW	.4	.3	.8	.3								1.9	7.0
NW	.2	.7	.6	.1	.4							2.0	9.1
NNW	.3	1.6	1.3	.8								4.0	7.2
VARBL	2.7	2.0	.3	.1	.1	.1						5.3	4.4
CALM												3.1	
	22.6	41.8	23.5	7.3	1.4	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
SEP
MONTH
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	1.1	.1								3.0	6.3
NNE	1.1	1.4	1.8	1.7								6.0	7.8
NE	1.4	2.4	1.3	1.3								6.6	6.7
ENE	.3	2.1	1.3	1.0								4.8	7.3
E	1.3	3.1	1.4	.3								6.2	5.5
ESE	1.6	1.6	.7									3.8	4.5
SE	1.8	1.3	.4									3.6	4.2
SSE	.7	.6	.3									1.6	4.6
S	1.4	.9	.8	.6	.1							3.8	6.6
SSW	.7	.8	1.1	.7	.3							3.6	8.3
SW	.9	2.0	.9	.8	.2							4.8	7.1
WSW	1.4	3.0	.9	.1	.3							5.8	6.0
W	1.8	6.4	4.8	.2	.1	.1						13.4	6.1
WNW	.7	3.7	3.1	.8	.1							8.3	7.0
NW	.4	1.2	3.7	1.4	.2	.3		.1				7.4	9.7
NNW	.1	1.2	3.6	2.4	.1							7.4	9.5
VARBL	2.3	3.4	.9		.2							6.9	5.0
CALM												3.1	
	18.2	36.8	28.1	11.4	1.8	.4		.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	1.4	.7								3.9	7.4
NNE	.4	2.4	2.0	1.2								6.1	7.4
NE	1.0	2.0	1.4	.9								5.3	6.4
ENE	.9	1.6	1.4	.4								4.3	6.3
E	.9	.3	1.1	.2								2.6	6.4
ESE	.4	.6	.4									1.4	4.8
SE	.7	.7	.7	.2								2.2	5.8
SSE		.3	.4	.1								.9	7.4
S	.2	.2	.6	.1								1.1	6.7
SSW		.7	1.0	1.0	.2							2.9	9.8
SW	.2	.6	1.3	.8	.2							3.1	8.9
WSW	.3	1.2	.6	.1	.2							2.4	7.1
W	.6	5.8	4.1	.2	.1							10.8	6.3
WNW	1.1	6.3	10.8	.2	.4							18.9	7.2
NW	.6	3.7	10.0	4.3	.2							18.8	8.8
NNW	.3	1.6	4.8	4.1	.8	.1						11.7	10.3
VARBL	1.2	1.2	.1									2.6	3.6
CALM												1.0	
	9.2	30.4	42.3	14.7	2.2	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70, 73-79 YEARS SEP MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	0.3	2.9	1.1								12.8	5.8
NNE	2.2	2.6	1.7	.1								6.1	4.8
NE	1.6	2.6	2.0	.2								6.3	5.4
NNE	1.0	2.0	1.3									4.3	5.3
E	1.0	.4	.2									2.7	3.5
ESE	.7	.8	.2	.1								1.8	4.6
SE		.4	.8									1.2	7.0
SSE		.1	.7									.8	8.0
S		.3										.3	5.3
SSW	.2	.4	1.7	.2								1.9	7.9
SW	.2	1.0	1.3	.2								2.8	7.3
WSW	.1	.8	.3		.3							1.6	8.6
W	.6	2.6	.6									3.7	4.9
WNW	1.2	3.0	2.7	.1								7.0	5.9
NW	1.1	5.6	7.3	2.3	.2							16.6	7.6
NNW	2.4	9.2	6.8	2.9	.4							21.8	7.1
VARBL	.7	.2										.9	2.4
CALM												7.6	
	16.1	38.8	29.2	7.3	1.0							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS SEP MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.7	8.9	3.9	.3								17.8	5.0
NNE	5.0	3.0	1.4	.1								9.6	4.0
NE	3.4	3.7	.9									8.0	4.1
N E S	2.1	2.3	1.3									5.8	4.7
E	2.8	1.8	.6	.2								5.3	4.3
ESE	1.0	1.2	.2									2.4	3.9
SE	.4	.8	.9	.2								2.3	6.2
SSE	.2	.6	.3									1.1	5.3
S	.7	.1	.6	.1								1.4	5.2
SSW	1.1	.8	1.0	.4								3.2	6.4
SW	.3	.9	.4	.2								1.9	6.1
WSW	.4	.6			.2							1.2	6.2
W	1.1	.6	.1		.1							1.9	4.1
WNW	.4	.3	.1									.9	4.1
NW	1.2	2.4	1.1	.3								5.1	5.6
NNW	2.8	6.7	1.4	1.2	.1							11.6	5.7
VARBL	1.2	.1										1.3	2.4
CALM												19.1	
	28.9	34.0	14.3	3.2	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70, 73-79 YEARS
ALL WEATHER CLASS
CONDITION
SEP MONTH
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.3	2.1	.5								7.5	5.8
NNE	2.3	2.8	1.7	.7								7.5	5.6
NE	2.5	3.6	1.8	.5	.0							8.5	5.3
ENE	2.9	3.0	1.4	.3								7.6	4.7
E	5.5	5.3	1.7	.3								12.0	4.1
ESE	1.9	2.8	.5	.0								5.2	4.1
SE	.9	1.3	.8	.3								3.3	5.6
SSE	.4	.7	.5	.1	.0							1.8	5.9
S	.5	.7	.6	.4	.1	.0						2.3	7.5
SSW	.4	.6	.8	.4	.1	.0	.0					2.3	7.9
SW	.3	.7	.7	.3	.1							2.1	7.2
WSW	.4	.9	.3	.1	.2	.0						1.9	6.8
W	.6	2.2	1.4	.1	.1	.0						4.3	6.1
WNW	.5	1.9	2.3	.2	.1							5.0	6.8
NW	.5	1.8	3.0	1.1	.2	.1		.0				6.7	8.4
NNW	.9	2.8	2.4	1.5	.2	.0						7.8	7.6
VARBL	1.5	1.0	.2	.0	.0	.0						2.8	3.9
CALM												11.2	
	23.9	32.3	21.4	6.9	1.0	.2	.0	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS OCT MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	2.2	3.2	1.0	.1							9.0	6.4
NNE	2.5	2.6	.9	.1								6.0	4.5
NE	5.8	3.3	1.1									10.2	3.6
ENE	4.7	2.9	.3									8.0	3.1
E	11.9	10.1	.4	.2								22.7	3.5
ESE	3.3	3.0	.1									6.5	3.3
SE	1.1	1.3										2.4	3.7
SSE	.5	.2	.2	.1	.1							1.2	6.1
S	.3	.5		.1								1.0	5.3
SSW	.1	.1	.2									.4	6.0
SW	.1	.4										.5	4.0
WSW	.4	.3	.1									.9	4.0
W	.3	1.0	.3	.1	.4							2.2	8.6
WNW	.1	.4	.3	.2	.3							1.4	9.8
NW		.1	.8	.3	.6	.1						1.9	13.5
NNW	.1	.5	1.1	.9	.8							3.3	11.5
VARBL	.5		.1									.6	3.0
CALM												21.8	
	34.5	29.0	9.1	3.0	2.4	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 OCT
STATION NAME YEARS MONTH
ALL WEATHER
GLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.6	3.2	1.1	.1							8.6	6.9
NNE	3.1	2.7	1.0									6.1	3.6
NE	4.3	4.8	.6	.1								9.9	3.9
ENE	7.1	4.3	.9	.3								12.6	3.7
E	11.1	16.2	1.4									23.7	4.0
ESE	1.9	4.1	.3									6.3	4.1
SE	.3	1.3	.3									1.9	5.6
SSE			.3									.3	8.0
S	.3	.1	.1	.1								.6	6.7
SSW	.1		.4									.5	6.8
SW		.1										.1	4.0
WSW	.1	.1	.2	.1								.5	7.4
W	.1	.8	.1	.4								1.4	7.5
WNW		.3	.3	.1	.6	.1	.1					1.6	14.7
NW			.8	1.1	.5	.4						2.8	15.0
NNW	.2	.5	1.0	1.2	.8	.3						4.0	12.3
VARBL	.9											.9	2.4
CALM												13.0	
	31.2	37.3	11.0	4.5	2.0	.9	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KLNSAN AB KC STATION NAME 68-70,73-79 YEARS OCT MONTH
ALL WEATHER CLASS 600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.7	2.3	1.2	.2							7.0	7.6
NNE	1.2	3.8	.8	.2								5.9	4.9
NE	6.3	5.3	1.2	.3								13.1	4.0
ENE	5.4	6.7	1.5	.1								13.7	4.1
E	10.6	18.2	2.9									31.7	4.2
ESE	1.7	3.8	1.1									6.6	4.7
SE	.6	1.3	.5	.2	.1							2.8	6.3
SSE	.1	.3	.4									.9	6.0
S		.2	.2									.4	6.5
SSW		.6										.6	4.5
SW	.1		.2									.3	6.7
WSW		.1	.1									.2	7.0
W		.5	.4	.2								1.2	7.9
WNW	.1	.2	.3	.4	.1							1.2	9.9
NW	.2		.4	.9	.3	.4						2.3	14.0
NNW		.4	.8	1.2	.5	.2						3.1	12.7
VABBA	.2	.2										.4	3.3
CALM												8.6	
	27.3	44.3	13.1	4.7	1.3	.6						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AF KC 68-70,73-79 5CT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
G900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.4	3.1	1.9	.6	.1						7.4	10.0
NNE	1.0	2.4	3.1	.3								7.2	6.4
NE	1.2	5.8	3.3	.4								10.8	5.9
ENE	.3	6.4	2.0	.2								10.9	5.1
E	4.8	13.2	5.1	.1								23.3	5.1
ESE	3.2	7.6	1.5	.1								12.5	4.6
SE	1.3	1.4	1.1									3.8	4.7
SSE	.3	1.0	.3	.2								1.8	6.2
S	.2	.3	.4									1.0	5.8
SSW		.1	.3	.2								.6	8.7
SW	.1	.1	.4	.1								.8	7.6
WSW	.1	.1	.1									.3	5.3
W	.4	.5	.4									1.4	4.8
WNW	.2	.1	.5	1.0								1.6	9.5
NW	.3	.3	.8	1.2	.6							3.2	11.5
NNW	.3	.5	1.0	2.3	1.0	.1						5.2	12.2
VARBL	1.3	1.9	1.2		.1							4.5	5.4
CALM												3.6	
	17.4	43.7	24.8	8.1	2.3	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.8	1.8	1.6								5.7	8.3
NNE	1.1	1.8	1.2	.1								4.2	5.8
NE	1.1	2.3	1.4	.8	.2							5.7	6.7
ENE	.6	1.4	1.0									3.1	5.1
E	1.9	2.9	1.4									6.2	4.7
ESE	1.8	2.5	.1									4.4	3.7
SE	.8	1.1	.3	.1								2.3	5.0
SSE	.4	.6	.1	.1								1.3	4.9
S	1.3	1.1	.4		.2							3.1	5.8
SSW	.5	1.0	.5	.6	.5							3.2	9.2
SW	1.0	1.1	.2	.1	.1							2.5	5.1
WSW	1.1	2.4	.4									3.9	4.5
W	1.4	7.5	3.3	.6	.1							13.0	6.1
WNW	.4	3.4	5.5	.8								10.1	7.2
NW	.4	1.8	3.8	2.5	1.1							9.6	9.9
NNW	.2	1.2	2.2	5.2	1.7	.2						10.6	12.5
VARCA	2.9	4.7	1.1	.2	.1							9.0	4.8
CALM												2.0	
	17.5	38.6	24.7	12.7	4.2	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70,73-79 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	2.5	1.7	.2							6.5	8.9
NNE	.5	1.7	1.0	.3								3.1	6.7
NE	.6	1.2	1.0	.2	.1							3.1	7.0
ENE	.2	.5	.6									1.4	5.7
E	.6	.2	.2									1.1	3.7
ESE	.3	.3	.4									1.1	5.2
SE			.1		.1							.2	13.5
SSE	.1	.1	.5	.1								.9	8.1
S	.2	.2	.1	.2	.2							1.0	9.7
SSW	.1	.3	.2	.9	.1	.1						1.7	11.2
SW	.5	.2		.2	.1							1.1	7.0
WSW	.6	1.0	.2									1.8	4.5
W	1.7	5.5	1.4	.5								11.2	5.9
WNW	1.0	6.5	8.7	1.7		.1						18.0	7.2
NW	1.0	5.1	12.3	5.1	.9	.3						24.5	9.1
NNW	.8	3.5	6.6	7.4	1.7	.1						20.1	10.3
VARBL	.4	1.2	.2									1.8	4.8
CALM												1.5	
	9.4	28.6	38.1	18.4	3.4	.6						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS OCT MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.9	7.3	3.9	2.2		.1						19.4	5.7
NNE	2.8	2.2	.5	.1								5.6	3.9
NE	.8	1.7	.3	.1	.1							3.0	5.0
ENE	.8	1.0	.1	.1								1.9	4.4
E	1.1	.2	.2	.1								1.6	3.8
ESE	.2	.2	.2									.6	5.7
SE			.2	.1								.3	11.0
SSE		.3	.3									.6	7.0
S	.2	.1	.4									.8	6.6
SSW	.2		.5	.3								1.1	8.7
SW	.1	.4	.2	.1								.9	6.3
WSW	.4	.3	.1		.1							1.0	6.1
W	.4	1.3	.2	.2		.1	.1					2.4	7.6
WNW	2.0	3.5	1.9	.9		.1						8.5	6.3
NW	2.6	6.5	5.1	2.6	.3	.4						17.4	7.5
NNW	2.0	9.2	7.5	4.8	.6	.2						24.5	8.0
VARBL	.8	.2		.1								1.1	4.0
CALM												9.4	
	20.3	34.5	21.8	11.7	1.2	1.0	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS OCT MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	5.8	7.2	3.0	1.2	.1							17.3	5.2
NNE	6.6	4.2	.9	.1								11.7	3.6
NE	2.8	3.0	.5									6.3	3.8
ENE	2.7	1.1	.4	.1								4.3	3.6
E	5.8	3.3	.8									9.9	3.4
ESE	1.7	.4	.2									2.4	3.3
SE	.9	1.0	.6	.2								2.7	5.6
SSE	.1	.3	.3	.2								1.0	7.2
S	.3	.2	.1									.6	4.2
SSW													
SW	.4	.2										.6	3.0
WSW	.1	.3	.1									.5	5.0
W	.5	.6	.2		.1							1.5	5.8
WNW	.3	.6	.5	.4	.1							2.0	7.7
NW	1.2	1.9	1.3	2.0	.4	.5	.1					7.5	9.7
NNW	1.8	3.5	2.3	1.2	1.2	.1						10.1	7.9
VARBL	1.3	.2										1.5	2.4
CALM												19.9	
	32.4	29.3	11.3	5.5	1.9	.6	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN A9 KO STATION NAME 68-70,73-79 YEARS OCT MONTH
ALL CLASS ALL HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	3.3	2.9	1.5	.2	.0						10.1	6.8
NNE	2.3	2.6	1.2	.2								6.2	4.7
NE	2.9	3.4	1.2	.2	.1							7.8	4.7
ENE	3.0	3.0	.9	.1								7.0	4.1
E	6.0	8.1	1.5	.1								15.6	4.2
ESE	1.8	2.7	.5	.0								5.0	4.2
SE	.6	.9	.4	.1	.0							2.0	5.4
SSE	.2	.4	.3	.1	.0							1.0	6.4
S	.4	.3	.2	.1	.1							1.1	6.2
SSW	.1	.3	.3	.3	.1	.0						1.0	8.8
SW	.3	.3	.1	.1	.0							.8	5.6
WSW	.4	.6	.2	.0	.0							1.1	4.9
W	.6	2.2	1.1	.3	.1	.0	.0					4.3	6.4
WNW	.5	1.9	2.3	.7	.1	.0	.0					5.6	7.6
NW	.7	2.0	3.1	1.9	.6	.3	.0					8.7	9.5
NNW	.7	2.4	2.8	3.0	1.0	.2						10.1	9.9
VARBL	1.0	1.1	.3	.0	.0							2.5	4.5
CALM												10.0	
	23.8	35.5	19.2	8.6	2.3	.5	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AG KO 68-70,73-79 YEARS NOV MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	3.2	2.8	.4							12.6	7.4
NNE	2.0	2.4	1.4	.2								6.1	5.1
NE	5.6	3.0	.8									9.3	3.3
ENE	4.2	2.4	.1									6.8	3.3
E	7.3	7.7	1.0	.1								16.1	3.9
ESE	3.1	4.8	1.0	.1								9.0	4.4
SE	1.1	1.7	1.3	.1								4.2	5.5
SSE	.2	1.1	1.6									2.9	6.5
S	.2	.4	.3	.4								1.4	8.1
SSW		.3	.2	.8	.3							1.7	11.7
SW			.2		.1							.3	11.7
WSW			.7	.1	.1							.9	10.4
W		.2	.7	.1	.4	.3						1.8	13.8
WNW			.2	.3	.8	.4	.1					1.9	18.5
NW	.1	.2	.7	1.3	1.7	1.7						5.7	16.9
NNW	.3	.2	1.0	2.0	.8	.2	.1					4.7	13.1
VARM	.9	.1										1.0	2.1
CALM												13.7	
	28.0	27.9	14.4	8.4	4.7	2.7	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS NOV MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	3.0	1.9	.2							8.1	8.2
NNE	1.9	2.3	1.7	.7								6.6	5.8
NE	5.0	4.1	1.1	.1								10.3	4.1
ENE	5.2	3.1	.7	.1								9.1	3.6
E	10.2	12.1	2.9									25.3	4.1
ESE	2.3	3.8	1.7									7.8	4.7
SE	.3	1.0	.7	.1								2.1	6.2
SSE	.4	.4	1.0									1.9	6.2
S		.3	.2	.3								.9	9.9
SSW			.4	.4								.9	10.4
SW			.3	.2	.1							.7	12.2
WSW			.1	.1	.1							.3	13.3
W			.7	1.0	.1	.1						1.9	13.2
WNW		.3	.6	.6	.7	.9	.2					3.2	16.9
NW			.3	1.0	1.6	.7	.1					3.7	17.8
NNW	.2	.3	1.1	1.4	1.3	.1						5.0	12.1
VARBL	1.0	.4	.1									1.6	2.9
CALM												10.7	
	28.0	30.5	16.6	8.0	4.1	1.8	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KC 68-70,73-79 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
C600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.9	1.7	3.4	1.8	.1							7.9	8.4
NNE	1.8	2.5	.9	.3								5.0	5.0
NE	3.4	4.6	.9									8.9	4.3
ENE	6.1	6.0	.9									13.0	3.8
E	11.7	14.6	4.4									30.7	4.4
ESE	1.6	3.9	2.1	.1								7.7	5.2
SE	.2	.7	1.0									1.9	6.8
SSE		.1	1.4	.2								1.8	8.8
S	.7	.1	.3	.3								1.0	7.9
SSW		.3	.2	.3								.9	9.0
SW		.1	.4	.1	.1							.8	10.6
WSW			.2	.1	.2							.6	13.6
W			1.1	.9	.2	.2						2.4	12.6
WNW			.3	.2	.2	.4						1.2	17.8
NW		.1	.8	.8	1.1	.4						3.2	15.6
NNW	.1	.1	.7	1.7	1.2	.6						4.3	15.3
VARBL	1.2	.1										1.3	2.3
CALM												7.4	
	27.2	34.3	19.2	6.9	3.2	1.7						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219

KUNSAN AB KO

68-70, 73-79

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.9	2.3	4.9	2.0	.2							10.3	8.4
NNE	.3	2.6	1.9	1.1								5.9	7.3
NE	1.2	4.3	2.3	.4								8.3	5.8
ENE	2.7	4.1	1.6	.1								8.4	4.9
E	6.1	11.9	5.0									23.0	4.8
ESE	2.2	8.6	3.6	.2								14.6	5.5
SE	.7	1.2	1.1	.4								3.4	6.7
SSE	.2	.6	1.1	.6								2.4	8.0
S	.2		.4	1.2								1.9	11.0
SSW	.1	.1	.8	.1	.1							1.2	9.5
SW		.2	.6	.1								.9	9.0
WSW			.6									.6	8.8
W	.1	.2	.4	.3	.1	.2						1.4	11.2
WNW			.2	.4	.6	.7		.1				2.0	19.2
NW	.1		.6	.9	1.1	.4	.1					3.2	15.8
NNW	.1	.6	1.8	3.1	1.0	.3						6.9	12.6
VARBL	1.7	.6	.2									2.4	3.8
CALM												3.0	
	16.7	37.2	27.0	11.1	3.1	1.7	.1	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC

FORM
JUL 64

0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS NOV MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.6	1.7	2.6	3.3	.3							8.4	9.4
NNE	1.1	1.9	1.9	.6								5.4	6.6
NE	.9	1.9	1.1	.3								4.2	5.8
ENE	.9	1.4	.7	.2								3.2	5.3
E	.8	3.3	2.2									6.3	5.5
ESE	2.3	3.9	.7									6.9	4.3
SE	1.0	1.8	1.0									3.8	5.1
SSE	1.1	1.3	.3	.2								3.0	4.8
S	.9	1.8	.9	1.3	.2							5.1	7.6
SSW	.2	.8	2.2	1.4	.8							5.4	10.4
SW	.6	1.0	.8	.6								2.9	7.1
WSW	.7	.9	.4									2.0	4.6
W	1.2	1.9	.9	.6	.4	.1						5.0	7.4
WNW	.4	.9	.9	1.0	1.0	1.1	.1					5.4	13.6
NW	.2	1.6	2.2	1.9	1.9	.7						8.4	12.1
NNW	.3	1.6	4.4	5.2	2.8	.4	.1					14.9	12.2
VARBL	2.6	2.2	.4	.8								6.0	5.0
CALM												3.4	
	15.8	29.7	23.7	17.4	7.4	2.3	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS NOV MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.2	4.9	3.7	.4							11.6	9.6
NNE	1.2	2.0	1.4	1.0								5.7	6.5
NE	.3	.9	.3	.3								1.9	6.7
ENE	.9	1.0	.3									2.2	4.6
E	.6	1.3										1.9	3.9
ESE	.3	.8	.4									1.6	4.7
SE	.4	.3	.4									1.2	5.0
SSE	.7	.3	.4									.7	4.2
S	.4	1.1	1.6	.4								3.6	7.0
SSW	.2	.7	1.8	1.8	.6							5.0	10.6
SW	.2	1.2	.7	.2								2.3	6.4
WSW	.7	1.1	.9	.2								2.9	5.5
W	1.3	2.6	1.0	.8	.4	.1						6.2	7.4
WNW	1.0	2.6	1.9	1.9	1.7	.2	.3					9.6	10.7
NW	1.1	2.2	3.9	3.8	1.6	.8	.1					13.5	10.8
NNW	1.2	3.1	5.1	8.1	2.7	.6						20.8	11.3
VARIABLE	3.1	.9		.1								4.1	3.2
CALM												5.3	
	14.1	23.9	24.8	22.4	7.3	1.7	.4					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MIC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS ALL WEATHER CLASS 1800-2000 MONTH NOV HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.9	7.2	5.9	4.0	.6							21.6	7.1
NNE	2.2	3.1	1.1	.6								7.0	5.3
NE	2.3	1.7	.9	.1								5.0	4.4
ENE	2.1	.6	.1									2.8	2.7
E	2.2	2.0	.2									4.4	3.3
ESE	.3	.7	.2									1.2	5.1
SE	.2	.4	.3	.1								1.1	6.0
SSE	.8	.8	.2	.1								1.9	4.9
S	.5	1.1	1.3	.4								3.4	6.7
SSW		.1	1.1	.6								1.8	9.7
SW	.2	.4	.4	.3								1.4	8.1
WSW	.2	.3	.3		.2							1.1	7.9
W	.7	.7	.4	.9	.2	.6						3.4	11.0
WNW	1.3	.7	.1	.8	1.2	.1						4.2	10.2
NW	.7	1.2	1.9	2.4	1.3		.6					8.1	12.3
NNW	2.2	3.6	2.9	4.2	2.1	.3						15.3	9.9
VARBL	.9	.1										1.0	2.8
CALM												15.1	
	20.9	24.7	17.6	14.6	5.7	1.0	.6					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

47219 STATION KUNSAN AB KC STATION NAME 68-70,73-79 YEARS NOV MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	3.3	3.8	2.1	.4							12.9	7.1
NNE	4.5	3.2	1.4	.2								9.4	4.3
NE	5.3	2.6	.6	.6								9.2	4.0
NNE	3.5	1.3	.3	.1								5.2	3.3
E	5.7	4.7	.9									11.2	3.7
ESE	2.4	2.3	.3									5.1	3.9
SE	1.2	1.0	1.4	.1								3.8	5.7
SSE	.7	1.3	.8									2.8	5.5
S	.8	.9	.6	.4								2.9	6.3
SSW		.1	.4	.4								1.0	10.0
SW	.2	.2		.3								.8	8.6
WSW		.1	.2	.1								.4	9.5
W	.1		.8	.3	.4							1.7	12.1
WNW		.2	.1	.8	.6	.6	.1					2.3	17.0
NW	.3	.4	.9	2.4	1.8	.7	.2					6.8	14.9
NNW	.4	.9	1.1	2.7	1.2	.2						6.5	12.1
VARBL	.9	.4										1.3	2.8
CALM												16.6	
	29.3	23.1	14.1	10.7	4.5	1.4	.3					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70, 73-79 NOV
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	2.9	4.0	2.7	.3							11.7	8.0
NNE	1.9	2.4	1.5	.6								6.4	5.6
NE	3.0	2.9	1.0	.2								7.2	4.5
ENE	3.2	2.5	.6	.1								6.4	3.9
E	5.6	7.2	2.1	.0								14.9	4.3
ESE	1.8	3.6	1.3	.1								6.7	4.8
SE	.7	1.0	.9	.1								2.7	5.8
ESE	.5	.8	.8	.1								2.2	6.2
S	.4	.7	.7	.6	.0							2.5	7.6
SSW	.1	.3	.9	.7	.2							2.2	10.3
SW	.2	.4	.4	.2	.0							1.3	8.1
WSW	.2	.3	.4	.1	.1							1.1	7.3
W	.4	.7	.8	.6	.3	.2						3.0	10.0
WNW	.3	.6	.5	.8	.8	.6	.1	.0				3.7	13.7
NW	.3	.7	1.4	1.8	1.5	.7	.1					6.6	13.5
NNW	.6	1.3	2.3	3.6	1.6	.3	.0					9.8	11.8
VARBL	1.5	.6	.1	.1								2.3	3.6
CALM												9.4	
	22.5	28.9	19.7	12.4	5.0	1.8	.3	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO 68-70,73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
DEC
MONTH
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.9	3.7	2.4	.4							9.8	8.9
NNE	2.2	3.3	1.5	.2								7.2	4.9
NE	3.9	3.1	1.3									8.3	4.0
NNE	4.0	2.3	.4	.1								7.3	3.7
E	7.7	9.0	2.2									18.9	4.1
ESE	2.9	4.2	2.8									9.9	5.1
SE	.8	1.5	.6	.5								3.4	6.1
SSE	1.1	.3	.6									2.5	5.0
S	.4	.4	.3									1.2	5.3
SSW		.2	.1	.4	.1							.9	10.9
SW	.1	.1	.1	.2	.1							.6	9.3
WSW	.1	.1	.3									.5	6.0
W	.1	.3	.5	1.2	.8	.2						3.1	13.4
WNW	.2	.4	.2	1.5	.8	.3						3.4	13.8
NW	.2	.4	1.4	1.2	.9	.6	.2					5.3	13.1
NNW	.6	.4	1.3	1.3	.5	.6	.1					4.9	12.1
VABDL	1.4											1.4	2.4
CALM												11.3	
	26.2	31.3	17.4	9.0	3.5	1.8	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS DEC MONTH
ALL WEATHER CLASS C300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.5	4.1	2.6	.5	.3						12.8	8.4
NNE	1.2	2.9	1.8	.6								6.6	6.1
NE	2.3	3.5	1.0	.1								6.9	4.4
ENE	4.5	3.3	1.1									8.9	3.9
E	6.0	11.4	3.1									20.5	4.6
ESE	3.2	5.6	3.3	.2								12.4	5.2
SE	.5	1.3	1.3	.2								3.3	6.3
SSE	.3	.4	.8	.2								1.7	6.7
S	.1	.4	.3									.9	6.1
SSW		.5	.4	.6								1.6	9.2
SW	.1		.3	.1								.5	8.2
WSW				.1			.1					.2	21.0
W	.2			.4	.6	.3	.1					1.7	17.0
WNW	.2	.4	.3	1.3	.5							2.8	12.7
NW	.4	.2	.9	1.4	.9	.1						4.4	11.4
NNW	.3	.5	1.3	1.6	.9	.2						4.8	11.9
VARBL	.8											.8	2.0
CALM												9.1	
	21.9	34.7	20.0	9.6	3.4	1.0	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219
STATION

KUNSAN AB KO
STATION NAME

68-70, 73-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.0	1.1	2.6	1.5	.5	.1						6.6	9.3
NNE	1.1	2.5	2.7	.4								6.7	6.4
NE	3.3	2.3	.9	.3								6.8	4.5
ENE	3.4	5.5	2.7	.2								11.8	5.0
E	5.5	13.8	6.0	.3								25.6	5.2
ESE	2.4	7.8	3.5	.1								13.9	5.4
SE	.8	1.1	1.2	.6								3.7	6.9
SSE		.4	1.2									1.6	7.6
S	.1	.8	.2	.2	.1							1.4	7.7
SSW		.4	.2	.4	.1							1.2	9.5
SW	.1		.1	.2	.1							.5	10.2
WSW			.1									.1	10.0
W		.1		.8			.1					1.0	15.2
WNW		.1	.2	1.3	.4	.1		.2				2.4	16.2
NW	.1	.1	.8	.9	.6	.2			.1			2.8	14.5
NNW	.2	.5	1.6	1.6	.5	.8						5.3	12.7
VARBL	.3	.4										.8	3.4
CALM												8.1	
	18.1	36.9	24.0	9.9	2.5	1.2	.1	.2	.1			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70,73-79 YEARS
ALL WEATHER CLASS
CONDITION
DEC MONTH
0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.7	4.3	2.4	.2							9.1	9.1
NNE	1.4	2.6	2.9	1.0								7.8	6.6
NE	.9	2.9	2.9	.1								6.8	6.1
ENE	1.9	4.5	1.3									7.7	4.8
E	4.4	11.3	7.3	.1								23.1	5.5
ESE	2.5	8.0	6.1	1.1								17.6	6.1
SE	1.0	1.3	2.4	.2								4.6	6.3
SSE	.5	.5	.8	.2	.1							2.2	6.6
S	.4	.6	.3	.3								1.7	6.4
SSW		.3		.1								.4	7.3
SW		.1	.2									.3	7.3
WSW				.2								.2	14.0
W	.1		.1	1.4	.5	.2		.2				2.9	17.2
WNW		.1	.4	.5	1.3	.2						2.6	16.0
NW	.1	.3	.3	1.3	.4	.2						2.7	13.2
NNW		.1	1.3	2.2	.4	.2	.1					4.3	13.5
VARBL	1.0	.8	.1									1.8	3.7
CALM												3.8	
	14.7	34.6	31.3	11.1	3.3	.9	.1	.2				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS
ALL WEATHER CLASS
CONDITION
DEC MONTH
1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	3.0	2.8	.5	.1						9.5	9.3
NNE	.5	2.0	1.1	.1								3.8	5.6
NE	.8	1.9	1.3	.1								4.1	5.7
ENE	1.2	1.8	1.3									4.3	5.0
E	2.3	5.5	2.4	.2								10.3	5.1
ESE	2.5	5.7	3.3	.4								11.9	5.6
SE	1.3	2.5	1.2	.2								5.2	5.4
SSE	1.0	1.1	.5	.6								3.2	6.2
S	1.2	1.6	1.6	1.0	.2							5.6	7.5
SSW	.3	.5	.5	1.4	.1							2.9	9.4
SW	.3	.4		.1	.2							1.1	7.4
WSW	.6	.6	.1	.2	.2							1.8	7.2
W	1.2	.8	.4	.4	1.2	.6	.1					4.7	11.9
WNW	.6	1.0	.4	.8	.3	.3	.1					3.5	10.4
NW	.3	1.4	1.0	3.3	1.6	.2	.1					8.5	13.4
NNW	.4	.5	1.4	5.5	2.0	.4	.2					10.5	14.0
VARBL	2.7	2.7	.2	.2	.1							5.9	4.4
CALM												3.1	
	18.2	32.2	19.8	17.4	6.6	2.3	.5					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43.19 STATION KUNSAN AB KO 68-70, 73-79 YEARS
ALL WEATHER
CLASS
CONDITION
DEC MONTH
1500-1700 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	3.0	2.8	3.9	.3							11.4	9.2
NNE	.4	.9	1.2	.2								2.7	6.4
NE	1.5	1.1	.9	.1								3.6	4.8
ENE	1.0	.3	.2									1.5	3.8
E	1.8	1.7	.6									4.2	4.1
ESE	2.0	1.8	.5									4.4	4.4
SE	1.3	1.0	.5	.2								3.0	4.9
SSE	.5	.4	.2									1.2	4.1
S	1.0	1.6	1.0	.2	.1							3.9	5.9
SSW	.4	.9	1.2	1.3	.2							4.0	9.1
SW	.3	.4	1.1	.5	.1							2.5	8.9
WSW	.6	.0	.3	.6	.4							2.6	9.3
W	2.3	1.7	1.1	1.1	1.1	.6						7.9	9.3
WNW	1.2	1.9	1.9	1.4	.6	.2	.5					7.9	10.2
NW	2.2	2.0	3.1	2.9	.9	.5	.4					12.1	10.2
NNW	.4	2.3	4.4	6.9	3.1	1.0	.1					18.2	12.5
VARBL	1.9	.9	.2	.1	.2							3.3	4.7
CALM												5.8	
	19.4	22.5	22.3	19.5	7.1	2.4	1.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41219 STATION KUNSAN AB KO STATION NAME 68-70,73-79 YEARS DEC MONTH 1900-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.9	7.4	5.9	2.8	.6	.2						19.9	7.3
NNE	2.6	4.4	2.8	.1								9.9	5.3
NE	2.5	.6	.3									3.4	3.2
ENE	2.0	1.0	.2									3.2	3.4
E	3.3	1.8	.2	.1								5.5	3.4
ESE	1.7	1.5	.1	.1								3.4	3.8
SE	.9	.9	.6	.4								2.8	6.0
SSE		1.0	.4									1.4	6.6
S	.9	1.0	.3	.3								2.5	5.3
SSW	.4	.6	.8	.4								2.3	7.2
SW		.1	.6									.8	8.0
WSW	.1	.4	.1	.3								1.0	8.2
W	.3	.6	.5	1.7	.4	.3						4.0	12.3
WNW	.5	.5	.8	1.7	.5	.5	.4					5.1	13.8
NW	.5	1.2	1.9	2.7	.8	.8	.3					8.2	12.3
NNW	1.2	1.9	4.5	4.2	.6	1.0						13.4	10.7
VARBL	.5	.4										1.0	3.4
CALM												12.4	
	20.4	25.5	20.2	14.9	3.0	2.8	.8					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 STATION KUNSAN AB KO 68-70, 73-79 YEARS
ALL WEATHER
CLASS
CONDITION
DEC MONTH
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	5.3	2.9	1.6	.5							13.2	6.7
NNE	3.0	3.5	1.9	.2								8.7	4.9
NE	4.7	3.1	1.0									8.8	3.8
ENE	4.5	2.0	.2									6.8	3.3
E	5.4	6.1	1.0									12.5	3.9
ESE	1.9	2.7	.8	.1								5.5	4.4
SE	.8	1.5	1.1	.3								3.7	6.3
SSE	.4	1.1	.5	.1								2.2	5.5
S		.4	.3	.3								1.1	7.9
SSW	.1	.2	.6	.6								1.6	10.0
SW	.1		.2	.2	.1							.6	11.2
WSW		.1	.1	.2								.4	10.0
W	.4	.2	1.1	1.1	.3							3.1	10.1
WNW	.3	.5	.3	2.7	.4	1.0						5.3	14.2
NW		1.2	.8	2.3	.8	.8	.2					5.9	14.1
NNW	.2	.9	1.2	2.4	.8	.6						6.0	12.5
VARBL	1.1	.3		.2								1.6	4.3
CALM												13.0	
	25.9	29.2	14.0	12.4	2.9	2.4	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43219 KUNSAN AB KO 68-70,73-79 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	3.8	2.5	.5	.1						11.5	8.3
NNE	1.5	2.8	2.0	.4								6.7	5.7
NE	2.5	2.3	1.2	.1								6.1	4.5
ENE	2.8	2.7	.9	.0								6.5	4.2
E	4.6	7.6	2.8	.1								15.1	4.7
ESE	2.4	4.7	2.6	.3								9.9	5.3
SE	.9	1.4	1.1	.3								3.7	6.0
SSE	.5	.7	.6	.1	.0							2.0	6.1
S	.5	.9	.6	.3	.1							2.3	6.6
SSW	.7	.5	.5	.7	.1							1.9	9.1
SW	.1	.1	.3	.2	.1							.9	8.8
WSW	.2	.2	.1	.2	.1		.0					.9	8.9
W	.6	.5	.5	1.0	.7	.3	.0	.0				3.5	12.2
WNW	.4	.6	.6	1.4	.6	.3	.1	.0				4.1	12.9
NW	.5	1.0	1.3	2.0	.8	.5	.2		.0			6.2	12.4
NNW	.4	.9	2.1	3.2	1.1	.6	.1					8.4	12.4
VARBL	1.2	.7	.1	.1	.0							2.1	4.0
CALM												8.3	
	20.6	30.7	21.1	12.9	4.0	1.8	.4	.1	.0			100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN A9 KO

68-70, 73-80

ALL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.3	2.3	2.4	1.5	.2	.0	.0					7.7	7.7
NNE	1.2	1.6	1.2	.3	.0							4.3	5.7
NE	1.6	2.1	1.5	.4	.0	.0						5.7	5.7
ENE	1.9	1.9	.9	.2	.0	.0						4.9	4.9
E	3.6	4.6	1.5	.2	.0							9.8	4.5
ESE	1.6	2.6	1.1	.1	.0	.0	.0					9.4	5.0
SE	.7	1.3	.9	.2	.0	.0	.0	.0				3.1	6.0
SSE	.5	.0	.7	.3	.1	.0		.0				2.3	6.9
S	.6	.9	.7	.7	.2	.0	.0		.0			3.1	8.0
SSW	.4	.9	1.1	1.1	.3	.0	.0	.0				3.3	9.5
SW	.5	1.0	1.1	.7	.1	.0	.0					3.3	8.0
WSW	.6	1.1	.9	.4	.1	.0	.0					3.0	6.8
W	1.0	2.4	2.1	.7	.2	.1	.0	.0				6.5	7.2
WNW	.7	1.8	2.5	.9	.3	.2	.0	.0				6.5	8.3
NW	.7	1.6	2.6	2.0	.7	.3	.1	.0	.0			7.8	10.1
NNW	.7	1.8	2.4	2.9	.9	.3	.0					9.1	10.5
VARBL	1.5	1.0	.2	.1	.0	.0						2.8	3.9
CALM												10.7	
	19.0	29.5	23.7	12.7	3.2	1.0	.1	.0	.0			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

87618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43219 KUNSAN AB KO

68-70,73-80

ALL

STATION

STATION NAME

YEARS

MONTH

INSTRUMENT

ALL

CLASS

HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.6	2.1	1.3	.3	.1	.0					6.3	8.4
NNE	.8	1.4	1.4	.6	.0							4.2	6.9
NE	1.2	2.1	1.1	.5	.0							5.0	6.0
ENE	1.8	1.9	1.1	.2								4.9	4.8
E	3.6	4.2	1.3	.2								9.3	4.4
ESE	1.6	1.7	1.0	.2								4.5	4.9
SE	.7	.8	.4	.1	.0	.0						2.1	5.5
SSE	.4	.7	.4	.1	.0			.0				1.6	6.2
S	.5	1.0	.7	1.0	.3	.0			.0			3.7	9.0
SSW	.5	1.1	2.0	2.3	.7	.1	.0	.0				6.8	10.6
SW	.8	1.4	2.0	1.7	.4	.0	.0					6.4	8.9
WSW	.8	1.6	1.5	.7	.2	.0						4.8	7.6
W	1.2	2.6	2.4	.9	.2	.2	.0	.0				7.6	7.5
WNW	.7	1.8	1.7	.8	.3	.2	.1					5.7	8.8
NW	.7	1.5	1.7	1.6	.7	.6	.2	.0				6.9	11.2
NNW	.6	1.3	1.5	1.8	1.0	.4	.1					6.6	11.4
VARBL	1.7	1.2	.0	.0								3.0	3.6
CALM												10.6	
	18.4	28.0	22.4	14.0	4.3	1.8	.5	.1	.0			100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

6888

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
N 1800																
N 1500					91.0											92.6
N 1200																
N 1000																
N 900																
N 800																
N 700																
N 600																
N 500									97.4							98.1
N 400																
N 300																
N 200																
N 100					95.4		96.9		98.3							100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1/2	≥1/4	≥0
NO CEILING		39.4	43.8	44.1	47.2	47.5	48.1	48.5	48.5	43.5	48.5	48.5	48.5	48.5	48.5	48.7
≥ 20000		42.5	47.5	47.8	51.3	51.6	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 18000		42.6	47.7	48.0	51.7	51.9	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 16000		42.6	47.7	48.0	51.7	51.9	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 14000		42.6	47.8	48.1	51.9	52.1	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4
≥ 12000		43.4	48.7	49.0	52.8	53.0	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3
≥ 10000		43.8	49.1	49.4	53.2	53.4	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 9000		43.8	49.1	49.4	53.2	53.4	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 8000		45.5	50.0	51.1	55.1	55.3	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 7000		46.1	51.8	52.1	56.1	56.3	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 6000		46.9	52.8	53.1	57.2	57.4	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7
≥ 5000		49.9	56.0	56.3	60.7	60.9	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 4500		56.5	62.9	63.2	68.3	68.5	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 4000		60.6	67.1	67.4	73.2	73.6	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0
≥ 3500		65.9	72.8	73.1	80.0	80.5	81.3	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4
≥ 3000		71.0	78.2	78.5	85.7	86.2	87.2	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2
≥ 2500		72.4	79.7	80.0	87.2	87.8	88.8	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0
≥ 2000		73.7	81.2	81.7	89.4	90.1	91.5	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1800		73.7	81.2	81.7	89.4	90.1	91.5	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1500		73.7	81.2	81.7	89.4	90.1	91.5	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1200		74.2	82.2	82.6	90.9	91.7	93.5	94.8	95.4	95.7	96.1	96.2	96.3	96.3	96.3	96.4
≥ 1000		74.2	82.2	82.6	90.9	91.8	93.6	94.9	95.5	95.8	96.2	96.3	96.3	96.3	96.3	96.4
≥ 900		74.2	82.2	82.6	91.0	91.9	93.7	95.3	95.8	96.3	96.8	96.9	97.4	97.5	97.7	97.7
≥ 800		74.3	82.3	82.7	91.2	92.0	93.9	95.5	96.0	96.5	97.1	97.2	97.7	97.8	98.1	98.1
≥ 700		74.3	82.3	82.7	91.2	92.0	93.9	95.5	96.0	96.5	97.1	97.2	97.7	97.8	98.1	98.2
≥ 600		74.3	82.3	82.7	91.2	92.0	93.9	95.5	96.0	96.5	97.1	97.2	97.7	97.8	98.1	98.2
≥ 500		74.3	82.3	82.7	91.5	92.3	94.2	96.1	96.7	97.2	97.7	98.1	98.7	98.8	99.0	99.2
≥ 400		74.3	82.3	82.7	91.5	92.3	94.2	96.1	96.9	97.4	98.0	98.3	98.9	99.0	99.2	99.5
≥ 300		74.3	82.3	82.7	91.5	92.3	94.2	96.3	97.1	97.7	98.3	98.6	99.2	99.4	99.6	99.8
≥ 200		74.3	82.3	82.7	91.5	92.3	94.2	96.3	97.1	97.7	98.3	98.6	99.2	99.4	99.5	99.7
≥ 100		74.3	82.3	82.7	91.5	92.3	94.2	96.3	97.1	97.7	98.3	98.6	99.2	99.4	99.5	99.7
≥ 0		74.3	82.3	82.7	91.5	92.3	94.3	96.4	97.2	97.8	98.4	98.7	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

927

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		35.9	39.1	39.5	43.3	43.6	43.8	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000		38.5	41.9	42.3	46.4	46.7	46.9	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.5
≥ 18000		38.6	42.3	42.7	46.9	47.2	47.5	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 16000		38.6	42.3	42.7	46.9	47.2	47.5	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 14000		38.9	42.6	43.0	47.2	47.6	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3
≥ 12000		39.8	43.5	43.9	48.3	48.7	48.9	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.4
≥ 10000		41.3	45.0	45.4	49.8	50.2	50.4	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.9
≥ 9000		41.3	45.0	45.4	49.8	50.2	50.4	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.9
≥ 8000		43.9	47.8	48.2	53.1	53.4	53.6	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2
≥ 7000		44.7	48.7	49.1	53.9	54.3	54.5	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.0
≥ 6000		45.3	49.3	49.7	54.6	54.9	55.1	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.7
≥ 5000		47.8	52.3	52.6	58.0	58.4	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1
≥ 4500		53.6	58.9	59.3	65.4	65.7	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.5
≥ 4000		58.1	63.8	64.4	71.0	71.4	71.8	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6
≥ 3500		63.9	69.8	70.4	78.4	79.0	79.6	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.8
≥ 3000		68.2	74.9	75.5	84.1	84.7	85.3	85.1	86.2	86.4	86.5	86.5	86.6	86.7	86.7	86.8
≥ 2500		70.9	77.8	78.4	87.4	87.9	88.6	89.5	89.6	89.9	90.0	90.0	90.1	90.2	90.2	90.3
≥ 2000		72.0	79.3	79.9	89.3	90.2	91.0	92.1	92.2	92.6	92.7	92.7	92.8	92.9	92.9	93.0
≥ 1800		72.1	79.4	80.0	89.6	90.6	91.7	92.9	93.2	93.5	93.6	93.6	93.7	93.9	93.9	94.0
≥ 1500		72.2	79.5	80.2	90.1	91.0	92.3	93.9	94.2	94.5	94.6	94.6	94.8	94.9	94.9	95.0
≥ 1200		72.6	80.0	80.7	90.7	92.1	93.4	95.0	95.4	95.8	95.9	95.9	96.2	96.3	96.3	96.4
≥ 1000		72.7	80.2	80.8	90.8	92.2	93.6	95.3	95.7	96.1	96.2	96.2	96.8	96.9	96.9	97.0
≥ 900		72.7	80.2	80.8	90.9	92.4	93.9	95.6	96.0	96.4	96.5	96.5	97.1	97.2	97.2	97.3
≥ 800		72.7	80.2	80.8	90.9	92.4	93.9	95.6	96.0	96.4	96.5	96.5	97.2	97.3	97.3	97.4
≥ 700		72.9	80.2	80.3	91.2	92.7	94.1	95.8	96.3	96.8	96.9	97.0	97.6	97.7	97.7	97.8
≥ 600		72.9	80.4	81.0	91.4	92.9	94.3	96.2	96.8	97.2	97.3	97.4	98.3	98.4	98.4	98.5
≥ 500		72.9	80.4	81.0	91.8	93.3	94.7	96.7	97.3	97.7	97.8	98.1	99.1	99.2	99.2	99.4
≥ 400		72.9	80.4	81.0	91.8	93.3	94.7	96.7	97.5	98.0	98.1	98.3	99.4	99.5	99.5	99.6
≥ 300		72.9	80.4	81.0	91.8	93.3	94.7	96.7	97.5	98.1	98.2	98.4	99.5	99.6	99.6	99.8
≥ 200		72.9	80.4	81.0	91.8	93.3	94.7	96.7	97.5	98.1	98.2	98.4	99.5	99.6	99.7	99.9
≥ 100		72.9	80.4	81.0	91.8	93.3	94.7	96.7	97.5	98.1	98.2	98.4	99.5	99.6	99.7	99.9
≥ 0		72.9	80.4	81.0	91.8	93.3	94.7	96.7	97.5	98.1	98.2	98.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		34.0	37.2	37.8	42.6	43.5	43.6	44.0	44.2	44.2	44.3	44.3	44.4	44.4	44.6	44.7
≥ 20000		36.6	40.1	40.7	46.0	47.0	47.1	47.6	47.8	47.8	47.9	48.0	48.2	48.2	48.3	48.7
IV 18000		36.8	40.7	41.2	46.7	47.8	47.9	48.3	48.5	48.5	48.7	48.8	49.0	49.0	49.1	49.4
IV 16000		36.8	40.7	41.2	46.7	47.8	47.9	48.3	48.5	48.5	48.7	48.8	49.0	49.0	49.1	49.4
IV 14000		37.0	40.9	41.4	46.9	48.0	48.1	48.5	48.8	48.8	48.9	49.0	49.2	49.2	49.3	49.6
IV 12000		37.3	41.3	41.9	47.6	48.8	48.9	49.3	49.5	49.5	49.6	49.7	49.9	49.9	50.1	50.4
IV 10000		38.8	43.0	43.6	49.3	50.5	50.6	51.0	51.2	51.2	51.3	51.5	51.7	51.7	51.8	52.1
IV 9000		39.1	43.3	43.8	49.5	50.7	50.8	51.2	51.5	51.5	51.6	51.7	51.9	51.9	52.0	52.3
IV 8000		41.1	45.3	45.8	51.9	53.1	53.2	53.6	53.8	53.8	53.9	54.0	54.3	54.4	54.5	54.8
IV 7000		41.6	46.0	46.5	52.5	53.7	53.8	54.3	54.5	54.5	54.6	54.7	54.9	55.0	55.1	55.4
IV 6000		41.7	46.4	46.9	53.1	54.3	54.4	54.8	55.0	55.0	55.1	55.2	55.4	55.6	55.7	56.0
IV 5000		43.7	48.7	49.2	56.0	57.2	57.3	57.7	57.9	57.9	58.0	58.1	58.4	58.5	58.6	58.9
IV 4500		51.6	57.3	57.9	65.6	66.9	67.0	67.4	67.6	67.7	67.9	68.0	68.2	68.3	68.4	68.7
IV 4000		55.7	61.8	62.5	70.4	71.8	72.1	72.5	72.7	72.8	72.9	73.0	73.2	73.4	73.5	73.8
IV 3500		61.7	68.0	68.7	77.7	79.2	79.6	80.0	80.3	80.4	80.5	80.6	80.8	80.9	81.0	81.3
IV 3000		65.6	72.3	73.0	83.6	85.1	85.7	86.6	86.8	87.2	87.4	87.5	87.7	87.8	87.9	88.2
IV 2500		67.5	74.5	75.3	86.3	87.8	88.5	89.5	89.8	90.3	90.5	90.6	90.8	90.9	91.2	91.5
IV 2000		68.8	76.3	77.1	89.0	90.9	91.9	93.1	93.3	93.9	94.1	94.3	94.5	94.6	94.8	95.1
IV 1800		68.8	76.3	77.1	89.1	91.3	92.2	93.5	93.7	94.3	94.5	94.7	94.9	95.0	95.3	95.6
IV 1500		69.0	76.6	77.5	90.0	92.3	93.4	94.8	95.0	95.8	96.0	96.2	96.7	96.8	97.0	97.3
IV 1200		69.1	76.8	77.7	90.3	92.8	94.0	95.5	95.7	96.4	96.9	97.1	97.6	97.7	98.0	98.3
IV 1000		69.3	76.9	77.8	90.4	92.9	94.1	95.6	95.8	96.7	97.2	97.5	98.1	98.2	98.4	98.7
IV 900		69.3	76.9	77.8	90.4	92.9	94.1	95.6	95.8	96.7	97.2	97.5	98.1	98.2	98.4	98.7
IV 800		69.3	76.9	77.8	90.4	92.9	94.1	95.6	95.8	96.7	97.2	97.5	98.2	98.3	98.6	98.9
IV 700		69.3	77.0	77.9	90.5	93.0	94.2	95.8	96.0	96.9	97.4	97.7	98.4	98.5	98.8	99.1
IV 600		69.3	77.0	77.9	90.5	93.0	94.2	95.8	96.0	96.9	97.4	97.7	98.4	98.5	98.8	99.1
IV 500		69.3	77.0	77.9	90.5	93.0	94.2	95.8	96.0	97.0	97.5	97.8	98.6	98.7	99.0	99.4
IV 400		69.3	77.0	78.0	90.6	93.1	94.3	95.9	96.2	97.2	97.7	98.1	98.8	98.9	99.2	99.6
IV 300		69.3	77.0	78.0	90.6	93.1	94.4	96.0	96.3	97.3	98.0	98.4	99.1	99.2	99.7	100.0
IV 200		69.3	77.0	78.0	90.6	93.1	94.4	96.0	96.3	97.3	98.0	98.4	99.1	99.2	99.7	100.0
IV 100		69.3	77.0	78.0	90.6	93.1	94.4	96.0	96.3	97.3	98.0	98.4	99.1	99.2	99.7	100.0
IV 0		69.3	77.0	78.0	90.6	93.1	94.4	96.0	96.3	97.3	98.0	98.4	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		38.4	41.8	42.5	49.8	50.3	50.8	51.2	51.6	51.7	51.9	51.9	52.0	52.2	52.2	52.2
≥ 20000		40.9	44.8	45.5	53.3	53.9	54.3	54.7	55.2	55.3	55.6	55.6	55.8	55.9	56.0	56.2
≥ 18000		41.6	45.7	46.3	54.2	54.7	55.2	55.6	56.0	56.1	56.5	56.5	56.7	56.8	56.9	57.1
≥ 16000		41.7	46.2	46.9	54.7	55.3	55.7	56.1	56.6	56.7	57.0	57.0	57.2	57.3	57.4	57.6
≥ 14000		41.8	46.3	47.0	54.8	55.4	55.8	56.2	56.7	56.8	57.1	57.1	57.3	57.4	57.5	57.7
≥ 12000		42.8	47.4	48.1	56.9	57.4	57.8	58.3	58.7	58.8	59.1	59.1	59.4	59.5	59.6	59.8
≥ 10000		43.3	48.2	48.8	58.3	58.8	59.2	59.7	60.1	60.2	60.5	60.5	60.8	60.9	61.0	61.2
≥ 9000		44.1	48.9	49.8	59.4	59.9	60.4	60.9	61.3	61.4	61.7	61.7	61.9	62.0	62.2	62.4
≥ 8000		46.2	51.6	52.5	62.5	63.0	63.7	64.1	64.5	64.6	64.9	64.9	65.2	65.3	65.4	65.6
≥ 7000		47.0	52.5	53.3	63.7	64.2	64.8	65.4	65.8	65.9	66.2	66.2	66.5	66.6	66.7	66.9
≥ 6000		47.5	53.3	54.2	64.7	65.3	65.9	66.5	66.9	67.0	67.3	67.3	67.5	67.6	67.7	68.0
≥ 5000		48.5	54.8	55.7	66.8	67.4	68.1	68.7	69.1	69.4	69.7	69.8	70.0	70.1	70.2	70.4
≥ 4500		53.8	60.4	61.3	72.8	73.7	74.5	75.3	75.7	75.9	76.2	76.3	76.6	76.7	76.8	77.0
≥ 4000		57.2	64.1	65.2	77.3	78.2	79.2	80.0	80.4	80.6	81.0	81.1	81.3	81.4	81.5	81.7
≥ 3500		60.6	67.7	68.8	81.4	82.5	83.8	84.5	84.9	85.4	85.8	85.9	86.1	86.2	86.3	86.6
≥ 3000		63.3	71.1	72.4	85.7	86.8	88.3	89.0	89.6	90.0	90.6	90.8	91.0	91.1	91.2	91.4
≥ 2500		64.2	72.0	73.3	87.0	88.2	89.7	90.6	91.3	91.8	92.7	92.6	93.0	93.1	93.3	93.5
≥ 2000		64.4	72.5	73.9	88.4	89.6	91.4	92.6	93.2	94.0	94.9	95.1	95.3	95.4	95.6	95.8
≥ 1800		64.4	72.6	74.0	88.5	89.8	91.6	92.8	93.4	94.2	95.2	95.3	95.5	95.6	95.8	96.0
≥ 1500		65.1	73.2	74.6	89.2	90.5	92.5	93.7	94.3	95.1	96.0	96.2	96.5	96.6	96.8	97.0
≥ 1200		65.5	73.7	75.1	89.8	91.1	93.0	94.3	94.9	95.7	96.7	96.9	97.2	97.3	97.5	97.7
≥ 1000		65.6	73.8	75.2	90.2	91.5	93.4	94.7	95.4	96.1	97.1	97.3	97.8	98.0	98.2	98.4
≥ 900		65.6	73.8	75.2	90.2	91.5	93.4	94.7	95.4	96.1	97.1	97.3	97.8	98.0	98.2	98.4
≥ 800		65.6	73.8	75.2	90.2	91.5	93.4	94.7	95.4	96.1	97.1	97.3	97.8	98.0	98.2	98.4
≥ 700		65.7	73.9	75.3	90.3	91.6	93.5	94.8	95.5	96.2	97.3	97.5	98.2	98.3	98.6	98.8
≥ 600		65.7	73.9	75.3	90.3	91.6	93.5	94.8	95.5	96.2	97.3	97.5	98.3	98.4	98.7	99.0
≥ 500		65.8	74.0	75.4	90.4	91.7	93.9	95.3	96.0	96.8	97.8	98.1	98.8	98.9	99.2	99.6
≥ 400		65.8	74.0	75.4	90.4	91.7	93.9	95.3	96.0	96.8	97.8	98.1	98.8	98.9	99.4	99.7
≥ 300		65.9	74.1	75.5	90.5	91.8	94.0	95.4	96.1	96.9	98.0	98.2	98.9	99.0	99.6	99.9
≥ 200		65.9	74.1	75.5	90.5	91.8	94.0	95.4	96.1	96.9	98.0	98.2	98.9	99.1	99.7	100.0
≥ 100		65.9	74.1	75.5	90.5	91.8	94.0	95.4	96.1	96.9	98.0	98.2	98.9	99.1	99.7	100.0
≥ 0		65.9	74.1	75.5	90.5	91.8	94.0	95.4	96.1	96.9	98.0	98.2	98.9	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ ¼	≥ 0
NO CEILING		48.5	51.5	51.8	54.0	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000		53.0	56.7	57.0	59.5	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000		54.0	57.6	58.0	60.4	61.0	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 16000		54.3	58.1	58.4	60.9	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 14000		54.6	58.5	58.8	61.3	61.8	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 12000		55.5	59.4	60.0	62.7	63.2	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 10000		56.5	60.8	61.4	64.4	64.9	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 9000		57.3	61.6	62.3	65.3	65.8	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 8000		58.8	63.2	63.9	67.6	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 7000		60.0	64.8	65.6	69.5	70.0	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 6000		60.5	65.8	66.6	70.4	71.0	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 5000		61.9	67.4	68.2	72.0	72.7	73.0	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 4500		66.6	72.0	72.8	76.7	77.4	77.7	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 4000		70.6	76.9	77.6	81.9	82.7	83.0	83.4	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0
IV 3500		72.7	79.0	79.8	84.4	85.5	85.9	86.3	86.5	86.9	86.9	86.9	87.0	87.1	87.1	87.1
IV 3000		75.6	82.4	83.1	89.0	90.3	91.0	91.5	91.6	92.2	92.3	92.3	92.5	92.6	92.6	92.6
IV 2500		76.0	82.9	83.7	90.0	91.3	91.9	92.5	92.6	93.1	93.2	93.2	93.4	93.5	93.5	93.5
IV 2000		77.0	84.1	84.8	91.8	93.1	93.9	94.4	94.6	95.2	95.5	95.5	95.9	96.0	96.0	96.0
IV 1800		77.0	84.1	84.8	91.8	93.1	93.9	94.4	94.6	95.2	95.5	95.5	95.9	96.0	96.0	96.0
IV 1500		77.6	84.7	85.5	92.9	94.2	95.1	95.6	95.8	96.3	96.7	96.7	97.1	97.2	97.2	97.2
IV 1200		77.6	84.7	85.5	93.1	94.5	95.6	96.1	96.3	97.0	97.3	97.3	97.7	97.8	97.8	97.8
IV 1000		78.1	85.2	85.9	93.7	95.1	96.1	96.7	96.9	97.6	98.0	98.2	98.6	98.7	98.7	98.7
IV 900		78.1	85.2	85.9	93.7	95.1	96.1	96.7	96.9	97.6	98.0	98.2	98.6	98.7	98.7	98.7
IV 800		78.6	85.7	86.5	94.2	95.6	96.7	97.2	97.4	98.2	98.5	98.7	99.1	99.2	99.2	99.2
IV 700		78.6	85.7	86.5	94.2	95.6	96.7	97.2	97.4	98.2	98.5	98.7	99.1	99.5	99.5	99.5
IV 600		78.6	85.8	86.6	94.3	95.8	96.9	97.5	97.7	98.5	98.8	99.0	99.5	99.8	99.8	99.9
IV 500		78.6	85.8	86.6	94.3	95.8	97.0	97.6	97.8	98.6	98.9	99.1	99.6	99.9	99.9	100.0
IV 400		78.6	85.8	86.6	94.3	95.8	97.0	97.6	97.8	98.6	98.9	99.1	99.6	99.9	99.9	100.0
IV 300		78.6	85.8	86.6	94.3	95.8	97.0	97.6	97.8	98.6	98.9	99.1	99.6	99.9	99.9	100.0
IV 200		78.6	85.8	86.6	94.3	95.8	97.0	97.6	97.8	98.6	98.9	99.1	99.6	99.9	99.9	100.0
IV 100		78.6	85.8	86.6	94.3	95.8	97.0	97.6	97.8	98.6	98.9	99.1	99.6	99.9	99.9	100.0
IV 0		78.6	85.8	86.6	94.3	95.8	97.0	97.6	97.8	98.6	98.9	99.1	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		49.2	50.3	50.6	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 20000		55.4	56.6	56.9	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000		55.8	57.0	57.3	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000		56.2	57.4	57.7	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000		57.4	58.6	58.9	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000		59.2	60.6	61.0	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000		61.3	62.8	63.1	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000		61.6	63.1	63.4	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000		62.9	64.6	64.9	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000		64.4	66.6	66.9	68.9	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000		64.7	66.9	67.2	69.2	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000		66.6	68.8	69.1	71.2	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500		70.3	72.6	72.9	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000		74.1	76.7	77.0	79.4	79.9	80.2	80.2	80.3	80.4	80.6	80.6	80.9	80.9	80.9	80.9
≥ 3500		77.4	80.4	80.8	83.9	84.5	85.1	85.2	85.3	85.5	85.7	85.7	85.9	85.9	85.9	85.9
≥ 3000		81.6	85.4	85.7	89.7	90.4	91.2	91.5	91.7	91.9	92.2	92.2	92.4	92.4	92.4	92.4
≥ 2500		82.2	86.2	86.6	90.8	91.5	92.3	92.6	92.8	93.0	93.2	93.2	93.4	93.4	93.4	93.4
≥ 2000		83.4	87.7	88.1	92.7	93.5	94.5	95.1	95.4	96.0	96.3	96.5	96.7	96.7	96.7	96.7
≥ 1800		83.4	87.8	88.2	92.9	93.8	94.8	95.4	95.7	96.3	96.7	96.8	97.0	97.0	97.0	97.0
≥ 1500		83.8	88.2	88.5	93.4	94.3	95.4	96.1	96.5	97.1	97.5	97.6	98.0	98.0	98.0	98.0
≥ 1200		84.1	88.5	88.8	93.9	94.7	95.9	96.7	97.0	97.7	98.2	98.3	98.7	98.7	98.7	98.7
≥ 1000		84.3	88.7	89.0	94.1	94.9	96.1	96.9	97.2	98.0	98.4	98.5	98.9	98.9	98.9	98.9
≥ 900		84.4	88.8	89.1	94.2	95.1	96.2	97.0	97.3	98.1	98.5	98.6	99.0	99.0	99.0	99.0
≥ 800		84.7	89.1	89.5	94.5	95.6	96.8	97.5	97.8	98.6	99.0	99.1	99.6	99.6	99.6	99.6
≥ 700		84.7	89.1	89.5	94.5	95.6	96.8	97.5	97.8	98.6	99.0	99.1	99.6	99.6	99.6	99.6
≥ 600		84.7	89.2	89.6	94.6	95.8	97.0	97.7	98.2	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 500		84.7	89.2	89.6	94.6	95.8	97.0	97.7	98.2	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 400		84.7	89.2	89.6	94.6	95.8	97.0	97.7	98.2	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 300		84.7	89.2	89.6	94.6	95.8	97.0	97.7	98.2	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 200		84.7	89.2	89.6	94.6	95.8	97.0	97.7	98.2	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 100		84.7	89.2	89.6	94.6	95.8	97.0	97.7	98.2	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 0		84.7	89.2	89.6	94.6	95.8	97.0	97.7	98.2	98.9	99.4	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING		44.5	47.7	47.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000		49.5	53.1	53.1	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000		51.0	54.6	54.6	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 16000		51.0	54.6	54.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 14000		51.2	54.8	54.8	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 12000		51.7	55.5	55.5	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 10000		52.7	56.5	56.6	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 9000		52.7	56.5	56.6	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 8000		54.9	58.8	58.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 7000		55.6	59.8	59.9	64.9	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 6000		55.8	60.0	60.1	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 5000		57.6	61.9	62.0	67.4	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 4500		62.4	66.9	67.0	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4000		66.3	71.5	71.8	77.8	78.2	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3500		69.8	75.3	75.6	82.2	82.5	82.6	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
IV 3000		74.8	80.6	81.1	88.7	89.0	89.2	89.4	89.7	89.8	89.9	89.9	90.1	90.1	90.1	90.1
IV 2500		75.7	81.8	82.3	90.5	91.0	91.3	91.5	91.9	92.0	92.3	92.3	92.5	92.5	92.5	92.5
IV 2000		77.1	83.5	84.5	92.7	93.3	93.9	94.2	94.6	94.7	95.1	95.2	95.4	95.4	95.4	95.4
IV 1800		77.3	83.8	84.2	92.9	93.5	94.2	94.6	95.1	95.2	95.5	95.6	95.8	95.8	95.8	95.8
IV 1500		77.5	84.1	84.5	93.3	94.1	94.7	95.2	95.8	96.0	96.7	96.8	97.3	97.3	97.3	97.3
IV 1200		77.5	84.1	84.5	93.3	94.3	94.9	95.4	96.3	96.7	97.3	97.4	98.0	98.0	98.0	98.0
IV 1000		77.5	84.1	84.5	93.3	94.3	94.9	95.4	96.3	96.7	97.3	97.4	98.2	98.2	98.2	98.2
IV 900		77.5	84.1	84.5	93.3	94.5	95.2	95.7	96.7	97.1	98.0	98.1	98.8	98.8	98.8	98.8
IV 800		77.5	84.1	84.5	93.4	94.6	95.3	95.8	96.8	97.2	98.1	98.2	98.9	98.9	98.9	98.9
IV 700		77.6	84.2	84.6	93.5	94.7	95.4	96.0	97.0	97.4	98.3	98.4	99.1	99.1	99.1	99.1
IV 600		77.6	84.2	84.6	93.5	94.7	95.4	96.0	97.0	97.4	98.3	98.4	99.1	99.2	99.2	99.2
IV 500		77.8	84.4	84.8	93.8	94.9	95.6	96.2	97.2	97.6	98.5	98.6	99.5	99.6	99.6	99.6
IV 400		77.8	84.4	84.8	93.8	94.9	95.6	96.3	97.3	97.7	98.6	98.7	99.6	99.7	99.7	99.7
IV 300		77.8	84.4	84.8	93.8	94.9	95.6	96.5	97.4	97.8	98.7	98.8	99.7	99.8	99.8	99.8
IV 200		77.8	84.4	84.8	93.8	94.9	95.6	96.5	97.4	97.8	98.7	98.8	99.7	99.8	99.8	99.8
IV 100		77.8	84.4	84.8	93.8	94.9	95.6	96.5	97.4	97.8	98.7	98.8	99.7	99.8	99.8	99.9
IV 0		77.8	84.4	84.8	93.8	94.9	95.6	96.5	97.4	97.8	98.7	98.8	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING		43.2	46.0	46.1	49.6	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000		45.9	49.5	49.6	53.0	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 18000		46.6	50.1	50.2	53.7	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 16000		46.7	50.2	50.3	53.8	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 14000		46.7	50.2	50.3	53.8	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 12000		47.4	51.3	51.4	54.8	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 10000		47.8	51.8	52.0	55.5	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 9000		47.8	51.8	52.0	55.5	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 8000		49.6	53.5	53.8	57.4	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 7000		50.3	54.6	54.8	58.6	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 6000		51.2	55.5	55.7	59.7	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 5000		54.3	58.6	58.8	63.1	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 4500		60.3	64.6	64.8	69.5	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 4000		63.9	68.5	68.8	73.7	74.4	74.8	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 3500		69.6	74.4	74.7	80.6	81.5	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3000		74.9	80.1	80.4	86.7	87.7	88.4	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2
IV 2500		76.0	81.4	81.7	88.2	89.4	90.1	90.6	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2
IV 2000		77.2	83.3	83.8	91.1	92.4	93.5	94.4	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1
IV 1800		77.4	83.5	84.0	91.3	92.7	93.9	94.8	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5
IV 1500		77.4	83.5	84.0	91.9	93.4	94.9	95.9	96.0	96.5	96.7	96.8	96.8	96.8	96.8	96.8
IV 1200		77.7	83.9	84.3	92.3	93.9	95.6	96.6	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7
IV 1000		77.8	84.0	84.4	92.4	94.0	95.7	96.7	97.1	97.5	97.8	98.0	98.1	98.1	98.1	98.1
IV 900		78.0	84.1	84.5	92.6	94.2	95.9	97.0	97.4	97.8	98.2	98.3	98.4	98.4	98.4	98.4
IV 800		78.0	84.1	84.5	92.6	94.2	95.9	97.0	97.4	97.8	98.2	98.3	98.4	98.4	98.4	98.4
IV 700		78.0	84.1	84.5	92.6	94.2	95.9	97.1	97.5	98.0	98.3	98.4	98.5	98.5	98.5	98.5
IV 600		78.0	84.1	84.5	92.8	94.4	96.1	97.5	98.0	98.5	98.8	98.9	99.0	99.0	99.0	99.0
IV 500		78.0	84.1	84.5	92.8	94.4	96.1	97.5	98.0	98.5	98.9	99.0	99.1	99.1	99.1	99.1
IV 400		78.0	84.1	84.5	92.8	94.4	96.1	97.5	98.0	98.6	99.0	99.1	99.2	99.2	99.4	99.4
IV 300		78.0	84.1	84.5	92.8	94.4	96.1	97.5	98.1	98.8	99.4	99.5	99.6	99.6	99.7	99.8
IV 200		78.0	84.1	84.5	92.8	94.4	96.1	97.5	98.1	98.9	99.5	99.6	99.7	99.7	99.8	100.0
IV 100		78.0	84.1	84.5	92.8	94.4	96.1	97.5	98.1	98.9	99.5	99.6	99.7	99.7	99.8	100.0
IV 0		78.0	84.1	84.5	92.8	94.4	96.1	97.5	98.1	98.9	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		41.6	44.7	45.0	48.7	49.2	49.4	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000		45.3	48.8	49.1	53.1	53.6	53.8	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4
≥ 18000		45.9	49.5	49.8	53.9	54.4	54.6	54.8	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.2
≥ 16000		46.0	49.7	50.0	54.1	54.6	54.8	55.0	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.4
≥ 14000		46.3	50.0	50.3	54.4	54.9	55.2	55.4	55.5	55.5	55.6	55.6	55.7	55.7	55.7	55.8
≥ 12000		47.2	51.0	51.3	55.6	56.2	56.4	56.7	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0
≥ 10000		48.2	52.1	52.6	57.1	57.6	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.5
≥ 9000		48.5	52.4	52.8	57.4	57.9	58.2	58.4	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.8
≥ 8000		50.4	54.5	54.9	59.8	60.3	60.6	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.2	61.2
≥ 7000		51.2	55.6	56.0	61.0	61.6	61.9	62.1	62.2	62.3	62.3	62.3	62.4	62.4	62.5	62.5
≥ 6000		51.7	56.3	56.7	61.8	62.3	62.6	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.3
≥ 5000		53.8	58.6	59.0	64.4	65.0	65.3	65.6	65.7	65.7	65.8	65.8	65.9	65.9	65.9	66.0
≥ 4500		59.4	64.5	64.9	70.7	71.3	71.6	71.9	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.4
≥ 4000		63.3	68.8	69.3	75.6	76.3	76.7	77.1	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.7
≥ 3500		67.7	73.4	74.0	81.1	81.9	82.5	82.9	83.1	83.3	83.4	83.5	83.6	83.6	83.6	83.7
≥ 3000		71.9	78.1	78.7	86.7	87.5	88.3	88.9	89.1	89.3	89.5	89.6	89.7	89.8	89.8	89.9
≥ 2500		73.1	79.6	80.2	88.4	89.4	90.1	90.8	91.1	91.4	91.6	91.6	91.8	91.8	91.9	92.0
≥ 2000		74.2	81.0	81.7	90.6	91.6	92.7	93.5	93.8	94.2	94.5	94.6	94.8	94.8	94.9	95.0
≥ 1800		74.3	81.1	81.8	90.7	91.9	93.0	93.9	94.2	94.7	95.0	95.0	95.2	95.3	95.3	95.4
≥ 1500		74.5	81.4	82.1	91.4	92.6	93.9	94.9	95.2	95.7	96.2	96.3	96.5	96.6	96.7	96.7
≥ 1200		74.8	81.7	82.4	91.8	93.1	94.5	95.5	96.0	96.6	97.0	97.1	97.4	97.5	97.6	97.6
≥ 1000		74.9	81.9	82.5	92.0	93.3	94.7	95.8	96.2	96.8	97.3	97.4	97.9	98.0	98.1	98.1
≥ 900		75.0	81.9	82.6	92.0	93.4	94.8	95.9	96.4	97.0	97.5	97.7	98.2	98.2	98.3	98.4
≥ 800		75.1	82.0	82.7	92.2	93.6	95.0	96.1	96.6	97.2	97.7	97.9	98.4	98.5	98.6	98.6
≥ 700		75.1	82.1	82.7	92.2	93.7	95.0	96.2	96.7	97.3	97.8	98.0	98.5	98.6	98.7	98.8
≥ 600		75.1	82.1	82.8	92.3	93.8	95.2	96.4	96.9	97.6	98.1	98.3	98.8	98.9	99.1	99.2
≥ 500		75.2	82.2	82.8	92.5	93.9	95.3	96.6	97.1	97.8	98.3	98.5	99.2	99.3	99.4	99.5
≥ 400		75.2	82.2	82.8	92.5	93.9	95.3	96.6	97.2	97.9	98.4	98.6	99.3	99.4	99.5	99.7
≥ 300		75.2	82.2	82.8	92.5	93.9	95.4	96.7	97.3	98.0	98.6	98.8	99.4	99.5	99.7	99.9
≥ 200		75.2	82.2	82.8	92.5	93.9	95.4	96.7	97.3	98.0	98.6	98.8	99.5	99.6	99.8	99.9
≥ 100		75.2	82.2	82.8	92.5	93.9	95.4	96.7	97.3	98.0	98.6	98.8	99.5	99.6	99.8	100.0
≥ 0		75.2	82.2	82.8	92.5	93.9	95.4	96.7	97.3	98.0	98.6	98.8	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		42.2	46.0	46.0	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7
≥ 20000		45.4	49.3	49.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7
IV 18000		46.2	50.1	50.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5
IV 16000		46.2	50.1	50.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5
IV 14000		46.7	50.6	50.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0
IV 12000		47.0	50.9	50.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.4	54.4	54.4
IV 10000		48.9	52.8	52.8	57.0	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.6
IV 9000		50.4	54.3	54.3	58.4	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0
IV 8000		53.5	57.4	57.4	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.5
IV 7000		55.2	59.3	59.3	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.8
IV 6000		55.4	59.6	59.7	64.4	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1
IV 5000		57.0	61.2	61.3	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.8	66.8	66.8
IV 4500		60.4	64.8	64.9	69.6	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.7	70.7	70.7
IV 4000		63.6	68.2	68.3	73.6	74.0	74.2	74.5	74.6	74.6	74.6	74.6	74.7	74.9	74.9	74.9
IV 3500		67.0	72.0	72.1	77.8	78.3	78.5	78.7	78.8	78.8	78.8	78.8	79.0	79.2	79.2	79.2
IV 3000		72.2	77.8	78.0	85.1	85.6	86.3	86.5	86.6	86.6	86.6	86.6	86.8	87.0	87.0	87.0
IV 2500		74.7	80.9	81.2	88.7	89.1	90.0	90.4	90.5	90.7	90.7	90.8	91.0	91.0	91.0	91.0
IV 2000		76.2	82.6	83.0	90.9	91.5	92.3	92.8	92.9	93.1	93.1	93.3	93.5	93.5	93.5	93.5
IV 1800		76.7	83.5	83.8	91.7	92.3	93.1	93.6	93.7	94.0	94.0	94.1	94.3	94.3	94.3	94.3
IV 1500		77.2	84.0	84.4	93.0	93.6	94.4	95.0	95.3	95.5	95.5	95.6	96.1	96.1	96.1	96.1
IV 1200		77.3	84.2	84.5	93.1	93.7	94.6	95.5	95.7	96.0	96.0	96.1	96.6	96.6	96.6	96.6
IV 1000		77.7	84.5	84.9	93.6	94.2	95.0	96.0	96.3	96.6	96.6	96.6	97.2	97.2	97.2	97.2
IV 900		77.8	84.6	85.0	93.9	94.4	95.3	96.3	96.7	96.9	96.9	97.0	97.5	97.5	97.5	97.5
IV 800		77.8	84.6	85.0	94.0	94.6	95.4	96.5	96.9	97.2	97.2	97.3	97.8	97.8	97.8	97.8
IV 700		77.9	84.8	85.1	94.2	94.8	95.6	96.7	97.2	97.4	97.4	97.5	98.0	98.0	98.0	98.0
IV 600		77.9	84.8	85.1	94.2	94.8	95.6	96.7	97.2	97.4	97.4	97.5	98.0	98.0	98.0	98.0
IV 500		78.0	84.9	85.2	94.3	94.9	95.7	97.0	97.5	97.8	97.8	97.9	98.5	98.5	98.5	98.5
IV 400		78.0	84.9	85.2	94.4	95.2	96.1	97.4	97.9	98.1	98.2	98.3	98.9	98.9	98.9	98.9
IV 300		78.0	84.9	85.2	94.4	95.2	96.1	97.4	98.0	98.2	98.3	98.5	99.1	99.1	99.4	99.4
IV 200		78.0	84.9	85.2	94.4	95.2	96.1	97.4	98.0	98.2	98.3	98.5	99.1	99.1	99.4	99.6
IV 100		78.0	84.9	85.2	94.4	95.2	96.2	97.5	98.1	98.5	98.6	98.7	99.3	99.3	99.6	100.0
IV 0		78.0	84.9	85.2	94.4	95.2	96.2	97.5	98.1	98.5	98.6	98.7	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING		41.8	45.9	45.9	48.5	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.5	49.5
≥ 20000		46.0	50.1	50.1	52.8	53.4	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.9	53.9
≥ 18000		46.6	50.7	50.7	53.4	54.0	54.0	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.5	54.5
≥ 16000		46.6	50.7	50.7	53.4	54.0	54.0	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.5	54.5
≥ 14000		47.0	51.2	51.2	53.9	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	55.0	55.0
≥ 12000		47.6	51.8	51.8	54.5	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.6	55.6
≥ 10000		48.3	52.5	52.5	55.9	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.3	57.3
≥ 9000		48.9	53.1	53.1	56.5	57.4	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.9	57.9
≥ 8000		51.2	55.6	55.6	59.1	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.5	60.5
≥ 7000		53.0	57.3	57.3	60.9	61.8	61.8	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.3	62.3
≥ 6000		53.1	57.6	57.6	61.5	62.5	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	63.0	63.0
≥ 5000		54.6	59.1	59.1	63.0	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.5	64.5
≥ 4500		58.3	63.0	63.0	67.0	68.1	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.8	68.8
≥ 4000		61.0	65.7	65.7	70.3	71.4	71.6	71.7	71.7	71.7	71.9	71.9	71.9	71.9	72.1	72.1
≥ 3500		66.1	71.0	71.0	76.0	77.2	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.9	77.9
≥ 3000		71.5	77.1	77.3	83.0	84.4	85.0	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.6	85.6
≥ 2500		74.1	80.0	80.3	86.3	87.8	88.4	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.4	89.4
≥ 2000		76.2	82.4	82.6	89.1	90.8	92.0	92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.9	92.9
≥ 1800		77.0	83.1	83.3	89.8	91.5	92.7	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.6	93.6
≥ 1500		77.3	83.7	83.9	90.9	92.6	94.2	94.4	94.7	94.8	94.9	94.9	94.9	94.9	95.2	95.2
≥ 1200		77.5	83.9	84.2	91.7	93.4	95.0	95.3	95.5	95.6	95.7	95.7	95.7	95.7	96.0	96.0
≥ 1000		77.8	84.2	84.4	92.2	94.0	95.6	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.7	96.7
≥ 900		77.8	84.2	84.5	92.6	94.3	96.0	96.2	96.6	96.7	96.8	96.8	96.8	96.8	97.0	97.0
≥ 800		77.8	84.2	84.5	92.8	94.7	96.5	96.7	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.6
≥ 700		77.9	84.4	84.9	93.3	95.2	96.9	97.2	97.6	97.8	97.9	97.9	97.9	97.9	98.1	98.1
≥ 600		77.9	84.4	84.9	93.4	95.3	97.0	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.5	98.5
≥ 500		77.9	84.4	85.0	93.6	95.5	97.3	97.9	98.3	98.5	98.6	98.6	98.9	98.9	99.2	99.2
≥ 400		77.9	84.4	85.0	93.6	95.5	97.3	98.0	98.5	98.7	98.8	98.8	99.2	99.2	99.4	99.4
≥ 300		77.9	84.4	85.0	93.6	95.5	97.3	98.0	98.5	98.7	98.8	98.9	99.3	99.3	99.5	99.5
≥ 200		77.9	84.4	85.0	93.6	95.5	97.3	98.0	98.5	98.7	98.9	99.1	99.4	99.4	99.6	100.0
≥ 100		77.9	84.4	85.0	93.6	95.5	97.3	98.0	98.5	98.7	98.9	99.1	99.4	99.4	99.6	100.0
≥ 0		77.9	84.4	85.0	93.6	95.5	97.3	98.0	98.5	98.7	98.9	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

69-70,73-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		38.9	44.8	44.9	49.1	49.6	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.4	50.6
≥ 20000		43.7	49.6	49.8	54.4	55.2	55.4	55.6	55.6	55.7	55.8	55.8	55.8	55.8	56.0	56.3
IV 18000		44.3	50.2	50.4	55.0	55.8	56.0	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.6	56.9
IV 16000		44.3	50.2	50.4	55.0	55.8	56.0	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.6	56.9
IV 14000		44.7	50.6	50.7	55.3	56.1	56.4	56.5	56.5	56.6	56.7	56.7	56.7	56.7	57.0	57.2
IV 12000		44.7	50.5	51.7	55.3	56.1	56.4	56.5	56.5	56.6	56.7	56.7	56.7	56.7	57.0	57.2
IV 10000		45.5	51.4	51.5	56.5	57.3	57.6	57.7	57.7	57.8	57.9	57.9	57.9	57.9	58.2	58.4
IV 9000		46.3	52.2	52.4	57.3	58.3	58.6	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.2	59.5
IV 8000		48.7	54.7	54.8	59.9	60.9	61.3	61.5	61.5	61.6	61.9	61.9	61.9	61.9	62.2	62.4
IV 7000		49.6	55.9	56.0	61.2	62.2	62.6	62.8	62.8	62.9	63.2	63.2	63.2	63.2	63.5	63.7
IV 6000		49.8	56.0	56.1	61.3	62.4	62.9	63.0	63.0	63.1	63.5	63.5	63.5	63.5	63.7	63.9
IV 5000		51.4	57.9	58.0	63.5	64.5	65.0	65.1	65.1	65.2	65.7	65.7	65.7	65.7	66.0	66.2
IV 4500		55.2	61.8	61.9	67.7	68.8	69.3	69.4	69.4	69.5	70.0	70.0	70.0	70.0	70.2	70.4
IV 4000		59.3	66.2	66.3	72.2	73.3	73.8	73.9	73.9	74.1	74.6	74.6	74.6	74.6	74.8	75.1
IV 3500		62.1	69.4	69.5	75.9	77.2	77.9	78.0	78.0	78.3	78.7	78.7	78.7	78.7	79.0	79.2
IV 3000		66.3	74.0	74.1	81.8	83.6	84.5	84.8	84.8	85.0	85.5	85.5	85.5	85.5	85.7	85.9
IV 2500		68.7	76.6	76.7	85.0	86.9	88.1	88.5	88.5	88.8	89.4	89.4	89.4	89.4	89.6	89.8
IV 2000		70.1	78.4	78.5	87.5	89.6	90.8	91.5	91.6	91.8	92.6	92.6	92.6	92.6	92.8	93.0
IV 1800		70.6	78.8	79.0	87.5	90.1	91.3	92.0	92.1	92.3	93.0	93.0	93.0	93.0	93.3	93.5
IV 1500		71.4	79.8	79.9	89.5	91.6	93.0	93.9	94.1	94.4	95.2	95.2	95.2	95.2	95.4	95.6
IV 1200		71.5	80.1	80.3	90.1	92.2	93.6	94.6	94.8	95.2	96.0	96.0	96.0	96.0	96.2	96.5
IV 1000		71.6	80.4	80.5	90.5	92.8	94.3	95.3	95.5	95.9	96.7	96.7	96.7	96.7	96.9	97.2
IV 900		71.6	80.4	80.5	90.5	92.8	94.3	95.3	95.5	96.0	96.9	96.9	96.9	97.0	97.3	97.5
IV 800		71.7	80.5	80.6	90.7	92.9	94.4	95.4	95.6	96.1	97.0	97.0	97.2	97.2	97.4	97.6
IV 700		71.9	80.9	81.0	91.0	93.3	94.8	95.7	96.0	96.5	97.4	97.4	97.5	97.5	97.8	98.0
IV 600		72.0	81.0	81.1	91.3	93.6	95.3	96.2	96.5	96.9	97.9	97.9	98.0	98.0	98.2	98.5
IV 500		72.0	81.0	81.1	91.4	93.7	95.4	96.3	96.7	97.2	98.1	98.1	98.2	98.2	98.5	98.9
IV 400		72.0	81.0	81.1	91.5	93.9	95.5	96.7	97.0	97.5	98.6	98.6	98.7	98.7	98.9	99.5
IV 300		72.0	81.0	81.1	91.5	93.9	95.5	96.7	97.0	97.5	98.6	98.6	98.7	98.7	98.9	99.5
IV 200		72.0	81.0	81.1	91.6	94.0	95.6	96.8	97.2	97.6	98.9	98.9	99.1	99.1	99.4	100.0
IV 100		72.0	81.0	81.1	91.6	94.0	95.6	96.8	97.2	97.6	98.9	98.9	99.1	99.1	99.4	100.0
IV 0		72.0	81.0	81.1	91.6	94.0	95.6	96.8	97.2	97.6	98.9	98.9	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼-16	≥¼	≥0
NO CEILING		42.9	48.3	48.7	52.5	53.1	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	53.9
≥ 20000		48.9	54.6	55.1	59.8	60.5	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
≥ 18000		49.8	55.4	55.9	60.6	61.3	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.4	62.4
≥ 16000		49.9	55.6	56.7	60.9	61.6	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.6	62.6
≥ 14000		50.4	56.0	56.5	61.5	62.2	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.2	63.2
≥ 12000		51.1	56.9	57.3	62.3	63.0	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.9	64.1	64.1
≥ 10000		52.2	58.0	58.5	63.6	64.4	65.0	65.1	65.1	65.4	65.4	65.4	65.4	65.5	65.6	65.6
≥ 9000		52.8	58.7	59.2	64.8	65.6	66.2	66.4	66.4	66.7	66.7	66.7	66.7	66.8	66.9	66.9
IV 8000		54.6	61.1	61.6	67.5	68.6	69.1	69.4	69.5	69.7	70.0	70.0	70.0	70.1	70.2	70.2
IV 7000		55.0	61.8	62.3	68.4	69.5	70.1	70.4	70.6	70.8	71.0	71.0	71.0	71.2	71.3	71.3
IV 6000		55.4	62.3	62.8	68.9	70.0	70.6	70.9	71.0	71.3	71.5	71.5	71.5	71.6	71.7	71.7
IV 5000		56.4	63.6	64.1	70.2	71.3	71.9	72.2	72.3	72.6	72.8	72.8	72.8	72.9	73.0	73.0
IV 4500		58.2	65.6	66.1	72.5	73.6	74.2	74.6	74.7	74.9	75.2	75.2	75.2	75.3	75.4	75.4
IV 4000		61.6	69.1	69.6	76.2	77.5	78.3	78.6	78.7	79.0	79.2	79.2	79.2	79.3	79.4	79.4
≥ 3500		63.4	71.2	71.6	79.0	80.4	81.1	81.4	81.6	81.9	82.2	82.2	82.2	82.3	82.4	82.4
IV 3000		66.1	74.3	74.8	82.6	84.0	85.1	85.6	85.7	86.3	86.6	86.8	87.0	87.1	87.2	87.2
IV 2500		67.6	76.0	76.6	85.1	86.5	87.6	88.3	88.4	89.0	89.5	89.5	89.7	89.8	90.0	90.1
IV 2000		68.4	76.8	77.4	87.0	88.4	89.7	90.5	90.7	91.4	92.1	92.1	92.3	92.4	92.6	92.7
IV 1800		68.6	77.0	77.5	87.1	88.5	89.8	90.7	90.8	91.5	92.2	92.2	92.4	92.6	92.7	92.8
IV 1500		69.1	77.7	78.3	88.1	89.6	91.1	92.0	92.4	93.1	94.0	94.0	94.2	94.3	94.6	94.7
IV 1200		69.7	78.5	79.1	89.0	90.5	92.2	93.0	93.5	94.2	95.0	95.0	95.4	95.5	95.7	95.9
IV 1000		70.2	79.2	79.8	89.8	91.4	93.1	94.0	94.4	95.2	96.0	96.0	96.3	96.5	96.7	96.8
IV 900		70.3	79.3	79.9	90.0	91.5	93.3	94.1	94.6	95.4	96.2	96.2	96.6	96.7	96.9	97.0
IV 800		70.4	79.6	80.1	90.3	91.8	93.6	94.4	94.9	95.7	96.6	96.6	96.9	97.0	97.3	97.5
IV 700		70.6	79.7	80.3	90.5	92.1	93.9	94.7	95.2	96.0	96.8	96.8	97.2	97.3	97.5	97.8
IV 600		70.7	79.8	80.5	90.8	92.4	94.2	95.0	95.5	96.3	97.2	97.2	97.5	97.6	98.0	98.2
IV 500		70.7	79.9	80.7	91.0	92.7	94.4	95.4	95.9	96.7	97.5	97.5	98.0	98.1	98.5	98.9
IV 400		70.8	80.0	80.9	91.1	92.8	94.6	95.5	96.1	97.0	97.9	97.9	98.3	98.5	98.8	99.4
IV 300		70.8	80.0	80.9	91.1	92.8	94.6	95.6	96.2	97.2	98.1	98.1	98.6	98.7	99.1	99.8
IV 200		70.8	80.0	80.9	91.1	92.8	94.6	95.6	96.2	97.2	98.1	98.1	98.6	98.8	99.2	99.9
IV 100		70.8	80.0	80.9	91.1	92.8	94.6	95.6	96.2	97.2	98.1	98.1	98.6	98.8	99.2	100.0
IV U		70.8	80.0	80.9	91.1	92.8	94.6	95.6	96.2	97.2	98.1	98.1	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING		50.0	51.9	51.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000		58.2	60.4	60.4	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 18000		59.2	61.5	61.5	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 16000		59.5	61.7	61.7	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 14000		59.6	62.1	62.1	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000		60.8	63.5	63.5	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 10000		63.1	65.8	66.1	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 9000		64.9	67.6	67.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 8000		67.0	70.0	70.2	73.5	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 7000		68.0	70.9	71.2	74.8	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
IV 6000		68.1	71.0	71.3	75.1	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
IV 5000		68.8	72.0	72.2	76.0	76.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5
IV 4500		69.6	72.8	73.0	77.0	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
IV 4000		72.2	75.7	75.9	80.1	80.1	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.9	80.9
IV 3500		74.0	77.5	77.8	82.0	82.0	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3
IV 3000		78.0	82.3	82.6	87.7	88.1	88.8	89.4	89.4	89.7	89.8	89.8	89.8	89.8	90.0	90.0
IV 2500		78.6	82.9	83.3	89.1	89.5	90.5	91.1	91.1	91.5	91.6	91.6	91.6	91.6	91.7	91.7
IV 2000		80.0	84.3	85.0	91.4	91.8	92.9	93.5	93.5	94.0	94.1	94.1	94.1	94.1	94.2	94.2
IV 1800		80.1	84.4	85.1	91.5	92.0	93.0	93.6	93.6	94.1	94.2	94.2	94.2	94.2	94.3	94.3
IV 1500		81.2	85.5	86.2	92.7	93.1	94.2	94.9	94.9	95.4	95.5	95.5	95.6	95.6	95.7	95.7
IV 1200		81.8	86.1	86.8	93.4	93.9	94.9	95.6	95.6	96.3	96.5	96.5	96.6	96.6	96.7	96.7
IV 1000		82.2	86.5	87.2	93.9	94.3	95.4	96.1	96.1	96.8	97.0	97.0	97.2	97.2	97.3	97.3
IV 900		82.2	86.9	87.6	94.3	94.8	95.9	96.6	96.6	97.3	97.5	97.5	97.6	97.6	97.8	97.8
IV 800		82.4	87.1	87.6	94.6	95.0	96.1	96.8	96.8	97.5	97.8	97.8	97.9	97.9	98.0	98.0
IV 700		82.5	87.2	87.9	94.9	95.4	96.5	97.2	97.2	97.9	98.1	98.1	98.2	98.2	98.3	98.3
IV 600		82.5	87.4	88.1	95.0	95.5	96.7	97.6	97.6	98.5	98.7	98.7	98.8	98.8	98.9	98.9
IV 500		82.5	87.4	88.1	95.0	95.5	96.7	97.6	97.6	98.5	98.7	98.7	98.8	98.8	98.9	98.9
IV 400		82.5	87.4	88.1	95.0	95.6	96.8	97.8	97.8	98.7	98.9	98.9	99.1	99.2	99.3	99.3
IV 300		82.5	87.4	88.1	95.0	95.6	96.8	97.9	97.9	98.8	99.1	99.2	99.3	99.4	99.5	99.5
IV 200		82.5	87.4	88.1	95.0	95.6	96.8	98.0	98.2	99.3	99.5	99.6	99.8	99.9	100.0	100.0
IV 100		82.5	87.4	88.1	95.0	95.6	96.8	98.0	98.2	99.3	99.5	99.6	99.8	99.9	100.0	100.0
IV 0		82.5	87.4	88.1	95.0	95.6	96.8	98.0	98.2	99.3	99.5	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000		45.4	46.9	46.9	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1
IV 18000		53.3	55.6	55.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0
IV 16000		54.7	57.0	57.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5
IV 14000		55.0	57.2	57.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8
IV 12000		56.0	58.3	58.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0
IV 10000		58.6	61.0	61.0	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8
IV 9000		61.7	64.2	64.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
IV 8000		62.9	65.4	65.4	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
IV 7000		65.7	68.2	68.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
IV 6000		67.0	69.6	69.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2
IV 5000		67.5	70.1	70.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8
IV 4500		68.2	70.8	70.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
IV 4000		68.8	71.5	71.6	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7
IV 3500		70.9	73.9	74.0	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0
IV 3000		74.3	77.5	77.7	81.9	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6
IV 2500		78.8	82.4	82.5	87.0	87.5	87.8	88.2	88.3	88.4	88.4	88.4	88.4	88.7	88.7	88.8
IV 2000		80.6	84.6	84.9	89.6	90.1	90.5	90.9	91.0	91.1	91.3	91.3	91.3	91.5	91.5	91.6
IV 1800		82.4	86.5	87.2	92.3	92.9	93.5	93.9	94.0	94.1	94.2	94.2	94.2	94.4	94.4	94.6
IV 1600		82.6	86.8	87.5	92.6	93.1	93.7	94.1	94.2	94.3	94.4	94.4	94.4	94.7	94.7	94.8
IV 1500		83.3	87.8	88.5	93.9	94.4	95.0	95.4	95.6	95.7	96.0	96.1	96.1	96.5	96.5	96.7
IV 1200		83.6	88.1	88.8	94.2	94.8	95.4	95.7	96.0	96.1	96.3	96.5	96.5	96.8	96.8	97.0
IV 1000		83.8	88.3	89.0	94.6	95.2	95.7	96.2	96.5	96.6	96.8	96.9	97.3	97.3	97.3	97.5
IV 900		83.9	88.5	89.2	94.8	95.4	96.0	96.5	96.7	96.8	97.0	97.2	97.5	97.5	97.5	97.6
IV 800		84.2	88.8	89.5	95.0	95.6	96.2	96.7	96.9	97.0	97.3	97.4	97.8	97.8	97.8	98.1
IV 700		84.5	89.1	89.8	95.4	96.0	96.6	97.0	97.4	97.5	97.8	97.9	98.2	98.2	98.2	98.6
IV 600		84.6	89.4	90.2	95.7	96.3	96.9	97.4	97.8	97.9	98.1	98.2	98.6	98.6	98.7	99.1
IV 500		84.9	89.6	90.4	96.0	96.6	97.2	97.8	98.1	98.2	98.6	98.7	99.1	99.1	99.2	99.5
IV 400		84.9	89.6	90.4	96.0	96.6	97.2	97.8	98.1	98.2	98.6	98.8	99.2	99.2	99.3	99.8
IV 300		84.9	89.6	90.4	96.0	96.6	97.2	97.8	98.2	98.3	98.7	98.9	99.3	99.4	99.5	100.0
IV 200		84.9	89.6	90.4	96.0	96.6	97.2	97.8	98.2	98.3	98.7	98.9	99.3	99.4	99.5	100.0
IV 100		84.9	89.6	90.4	96.0	96.6	97.2	97.8	98.2	98.3	98.7	98.9	99.3	99.4	99.5	100.0
IV 0		84.9	89.6	90.4	96.0	96.6	97.2	97.8	98.2	98.3	98.7	98.9	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

69-70,73-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		46.1	48.2	48.3	50.2	50.4	50.5	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000		52.0	54.8	55.0	57.1	57.2	57.3	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000		53.9	56.7	56.9	59.0	59.1	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 16000		54.1	57.0	57.1	59.3	59.5	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 14000		55.6	58.4	58.5	60.8	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 12000		57.4	60.3	60.4	62.6	62.8	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 10000		59.6	62.8	63.0	65.4	65.5	65.6	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 9000		60.4	63.6	63.9	66.3	66.4	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 8000		62.5	66.1	66.5	69.4	69.6	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 7000		64.5	68.1	68.6	71.6	71.9	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 6000		64.5	68.1	68.6	71.6	71.9	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 5000		65.2	68.9	69.5	72.6	72.8	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 4500		66.7	70.4	71.0	74.6	74.8	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 4000		67.6	71.6	72.3	75.9	76.1	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3500		72.6	76.8	77.5	81.4	81.7	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 3000		76.0	80.6	81.3	85.6	85.9	86.6	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4
IV 2500		78.5	83.3	84.2	88.9	89.4	90.1	90.5	90.5	90.7	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000		80.3	85.1	85.9	91.3	91.7	92.7	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6
IV 1800		80.3	85.1	85.9	91.5	92.0	92.9	93.5	93.5	93.6	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500		81.1	86.1	86.9	92.8	93.3	94.6	95.4	95.4	95.6	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200		81.2	86.2	87.0	92.9	93.4	94.7	95.5	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000		81.6	86.5	87.4	93.3	93.7	95.0	96.0	96.1	96.6	97.0	97.0	97.0	97.0	97.0	97.0
IV 900		81.7	86.6	87.5	93.4	93.9	95.2	96.1	96.2	96.7	97.2	97.2	97.2	97.2	97.2	97.2
IV 800		81.8	86.8	87.6	93.5	94.0	95.3	96.2	96.3	96.8	97.3	97.3	97.3	97.3	97.3	97.3
IV 700		81.9	86.9	87.7	93.7	94.2	95.5	96.5	96.6	97.0	97.5	97.5	97.5	97.5	97.5	97.5
IV 600		81.9	86.9	87.7	93.7	94.3	95.6	96.6	96.7	97.2	97.6	97.6	97.8	97.8	97.8	97.8
IV 500		81.9	86.9	87.7	93.7	94.3	95.6	96.7	96.9	97.4	97.9	98.0	98.2	98.2	98.2	98.2
IV 400		82.0	87.0	87.8	94.0	94.6	95.9	97.0	97.3	97.8	98.3	98.5	98.7	98.7	98.7	98.7
IV 300		82.0	87.1	87.9	94.1	94.7	96.0	97.4	97.8	98.2	98.8	98.9	99.2	99.3	99.5	99.5
IV 200		82.0	87.1	87.9	94.1	94.8	96.1	97.6	98.1	98.6	99.2	99.4	99.6	99.8	100.0	100.0
IV 100		82.0	87.1	87.9	94.1	94.8	96.1	97.6	98.1	98.6	99.2	99.4	99.6	99.8	100.0	100.0
IV 0		82.0	87.1	87.9	94.1	94.8	96.1	97.6	98.1	98.6	99.2	99.4	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		45.6	48.7	48.7	50.8	50.8	50.9	50.9	50.9	50.9	51.1	51.1	51.2	51.2	51.2	51.2
≥ 20000		48.5	51.9	51.9	54.6	54.6	54.7	54.7	54.7	54.7	54.8	54.8	55.0	55.0	55.0	55.0
≥ 18000		48.9	52.4	52.4	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.6	55.6	55.6	55.6
≥ 16000		48.9	52.4	52.4	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.6	55.6	55.6	55.6
≥ 14000		49.5	53.0	53.0	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1
≥ 12000		50.1	53.5	53.5	56.4	56.4	56.5	56.5	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7
≥ 10000		52.2	55.7	55.7	59.1	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.5	59.5	59.5	59.5
≥ 9000		53.1	56.5	56.5	59.9	59.9	60.0	60.0	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3
≥ 8000		56.0	59.7	59.7	63.5	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.8
≥ 7000		57.8	61.7	61.7	65.8	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2
≥ 6000		58.0	61.9	61.9	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.5
≥ 5000		60.3	64.3	64.4	68.8	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.3	69.3	69.3	69.3
≥ 4500		62.8	67.0	67.3	72.3	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9
≥ 4000		66.4	71.0	71.3	76.7	77.0	77.1	77.3	77.3	77.3	77.4	77.4	77.5	77.5	77.7	77.7
≥ 3500		70.4	75.5	75.8	81.8	82.0	82.4	82.6	82.6	82.6	82.7	82.7	82.9	82.9	83.0	83.1
≥ 3000		75.2	80.7	81.0	87.4	87.6	87.9	88.2	88.2	88.2	88.3	88.3	88.4	88.4	88.5	88.8
≥ 2500		76.7	82.4	82.6	89.6	89.8	90.4	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.3	91.5
≥ 2000		77.5	84.0	84.4	91.7	92.0	92.7	92.9	93.0	93.1	93.3	93.3	93.4	93.4	93.5	93.7
≥ 1800		77.9	84.4	84.8	92.2	92.4	93.1	93.4	93.5	93.6	93.7	93.7	93.9	93.9	94.0	94.2
≥ 1500		78.3	84.9	85.2	92.9	93.1	93.9	94.2	94.3	94.6	94.7	94.8	94.9	94.9	95.0	95.3
≥ 1200		78.6	85.2	85.8	93.6	94.0	94.7	95.3	95.4	95.6	95.7	95.9	96.0	96.0	96.1	96.3
≥ 1000		79.0	85.6	86.2	94.1	94.4	95.2	95.7	95.9	96.1	96.2	96.3	96.5	96.5	96.6	96.8
≥ 900		79.2	85.8	86.4	94.4	94.8	95.5	96.1	96.2	96.6	96.7	96.8	96.9	96.9	97.0	97.3
≥ 800		79.2	85.8	86.4	94.4	94.8	95.5	96.1	96.2	96.6	96.7	96.8	96.9	96.9	97.0	97.3
≥ 700		79.4	86.1	86.6	94.7	95.0	95.7	96.3	96.5	96.8	96.9	97.0	97.2	97.2	97.3	97.5
≥ 600		79.6	86.2	86.8	94.8	95.2	95.9	96.5	96.6	96.9	97.0	97.2	97.3	97.3	97.4	97.6
≥ 500		79.6	86.3	86.9	95.2	95.6	96.3	96.9	97.3	97.6	97.8	97.9	98.0	98.0	98.1	98.3
≥ 400		79.6	86.3	86.9	95.2	95.6	96.3	97.0	97.4	97.8	97.9	98.0	98.2	98.2	98.3	98.6
≥ 300		79.6	86.3	86.9	95.2	95.7	96.5	97.2	97.5	97.9	98.1	98.2	98.5	98.5	98.9	99.2
≥ 200		79.6	86.3	86.9	95.3	95.9	96.6	97.4	97.8	98.1	98.6	98.7	98.9	98.9	99.4	99.6
≥ 100		79.6	86.3	86.9	95.3	95.9	96.6	97.4	97.8	98.1	98.6	98.7	98.9	99.1	99.5	100.0
0		79.6	86.3	86.9	95.3	95.9	96.6	97.4	97.8	98.1	98.6	98.7	98.9	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		44.1	47.6	47.7	50.3	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.0
≥ 20000		49.5	53.3	53.4	56.4	56.8	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.3
≥ 18000		50.5	54.3	54.3	57.4	57.7	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.2	58.2
≥ 16000		50.6	54.4	54.4	57.6	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.4
≥ 14000		51.2	55.0	55.1	58.2	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.1
≥ 12000		52.2	56.1	56.1	59.3	59.6	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.1	60.1
≥ 10000		54.0	57.9	58.0	61.6	62.0	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.6
≥ 9000		55.0	58.9	59.1	62.8	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.7	63.7
≥ 8000		57.4	61.6	61.8	65.8	66.2	66.4	66.5	66.5	66.6	66.7	66.7	66.8	66.8	66.9	66.9
≥ 7000		58.8	63.1	63.3	67.5	67.9	68.2	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.6	68.7
≥ 6000		59.0	63.3	63.5	67.8	68.3	68.5	68.7	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.0
≥ 5000		60.2	64.7	65.0	69.3	69.8	70.0	70.2	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70.6
≥ 4500		62.5	67.1	67.4	72.0	72.5	72.8	73.0	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.4
≥ 4000		65.3	70.2	70.4	75.4	75.9	76.2	76.4	76.4	76.5	76.6	76.7	76.7	76.7	76.8	76.9
≥ 3500		68.7	73.9	74.1	79.5	80.1	80.6	80.8	80.8	80.9	81.1	81.1	81.1	81.1	81.3	81.3
≥ 3000		73.0	78.6	79.0	85.0	85.8	86.5	86.8	86.9	87.1	87.3	87.3	87.4	87.4	87.5	87.6
≥ 2500		74.9	80.8	81.2	87.8	88.6	89.5	89.9	90.0	90.2	90.4	90.4	90.5	90.6	90.7	90.8
≥ 2000		76.4	82.5	83.0	90.1	91.1	92.1	92.6	92.7	92.9	93.2	93.2	93.3	93.3	93.4	93.5
≥ 1800		76.7	82.9	83.4	90.5	91.5	92.5	93.0	93.1	93.3	93.6	93.6	93.7	93.7	93.8	93.9
≥ 1500		77.4	83.7	84.2	91.7	92.7	93.8	94.4	94.6	94.9	95.2	95.3	95.4	95.4	95.6	95.7
≥ 1200		77.7	84.0	84.5	92.3	93.2	94.4	95.1	95.3	95.6	96.0	96.0	96.2	96.2	96.3	96.4
≥ 1000		78.0	84.4	84.9	92.7	93.8	94.9	95.6	95.9	96.2	96.6	96.6	96.8	96.8	97.0	97.1
≥ 900		78.1	84.5	85.1	93.0	94.0	95.2	95.9	96.1	96.5	96.9	97.0	97.1	97.2	97.3	97.4
≥ 800		78.2	84.7	85.2	93.2	94.2	95.4	96.1	96.4	96.8	97.1	97.2	97.4	97.4	97.5	97.7
≥ 700		78.3	84.9	85.4	93.5	94.5	95.7	96.4	96.7	97.1	97.5	97.5	97.7	97.7	97.8	98.0
≥ 600		78.4	85.0	85.5	93.6	94.7	95.9	96.7	97.0	97.4	97.8	97.8	98.0	98.0	98.2	98.3
≥ 500		78.4	85.0	85.6	93.8	94.9	96.1	97.0	97.3	97.7	98.1	98.2	98.5	98.5	98.6	98.8
≥ 400		78.5	85.1	85.7	93.9	95.0	96.2	97.1	97.5	98.0	98.4	98.5	98.8	98.8	99.0	99.2
≥ 300		78.5	85.1	85.7	93.9	95.0	96.2	97.2	97.6	98.1	98.6	98.7	99.0	99.0	99.3	99.6
≥ 200		78.5	85.1	85.7	93.9	95.0	96.3	97.3	97.8	98.3	98.8	98.9	99.2	99.3	99.6	99.9
≥ 100		78.5	85.1	85.7	93.9	95.0	96.3	97.3	97.8	98.3	98.8	98.9	99.2	99.3	99.6	100.0
≥ 0		78.5	85.1	85.7	93.9	95.0	96.3	97.3	97.8	98.3	98.8	98.9	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

68-70,73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING		55.6	57.3	57.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000		64.3	66.6	66.8	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 18000		64.9	67.4	67.6	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 16000		64.9	67.4	67.6	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 14000		65.6	68.1	68.3	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000		66.8	69.5	69.7	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 10000		67.3	70.0	70.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 9000		68.4	71.3	71.5	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000		70.0	72.9	73.5	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 7000		70.9	73.9	74.4	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 6000		71.3	74.3	74.9	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000		73.0	76.2	76.8	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4500		75.1	78.7	79.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4000		76.5	80.3	80.9	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3500		78.5	82.3	83.0	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 3000		81.1	85.1	85.8	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2500		82.6	86.6	87.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2000		83.2	87.3	88.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1800		83.3	87.4	88.1	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500		83.8	87.9	88.8	93.6	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200		84.5	88.6	89.9	94.7	95.0	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1000		84.7	89.0	90.3	95.1	95.5	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900		85.2	89.6	90.9	95.8	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 800		85.5	90.1	91.4	96.2	96.5	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 700		85.5	90.1	91.5	96.4	96.8	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 600		85.7	90.3	91.7	96.7	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500		85.8	90.4	91.9	97.1	97.4	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 400		85.8	90.4	91.9	97.3	98.0	98.1	98.2	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8
IV 300		85.8	90.4	91.9	97.3	98.1	98.2	98.3	98.4	98.7	99.0	99.1	99.2	99.5	99.5	99.6
IV 200		85.8	90.4	91.9	97.3	98.1	98.3	98.4	98.5	98.8	99.1	99.2	99.4	99.6	99.7	100.0
IV 100		85.8	90.4	91.9	97.3	98.1	98.3	98.4	98.5	98.8	99.1	99.2	99.4	99.6	99.7	100.0
IV 0		85.8	90.4	91.9	97.3	98.1	98.3	98.4	98.5	98.8	99.1	99.2	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

927

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		52.2	56.6	56.6	58.3	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000		58.5	64.3	64.3	66.8	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 18000		59.0	64.7	64.7	67.5	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 16000		59.0	64.7	64.7	67.5	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 14000		59.4	65.1	65.1	67.9	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 12000		60.6	66.3	66.3	69.1	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 10000		61.6	67.4	67.4	70.2	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 9000		62.3	68.1	68.1	71.0	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 8000		64.1	70.2	70.4	73.2	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 7000		64.9	71.0	71.2	74.3	74.6	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3
IV 6000		66.2	72.4	72.7	75.8	76.1	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8
IV 5000		67.5	73.7	74.0	77.3	77.6	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3
IV 4500		69.8	76.2	76.7	80.3	80.7	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3
IV 4000		71.1	77.8	78.2	81.9	82.2	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
IV 3500		73.5	80.3	80.9	85.4	85.7	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
IV 3000		75.4	82.5	83.0	88.0	88.3	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
IV 2500		76.8	84.1	84.6	89.6	90.0	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6
IV 2000		77.3	84.8	85.3	90.7	91.1	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0
IV 1800		77.3	84.9	85.4	91.1	91.6	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4
IV 1500		78.2	85.9	86.5	92.4	92.9	93.6	93.7	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1
IV 1200		78.8	86.5	87.1	93.3	93.7	94.5	94.6	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9
IV 1000		79.5	87.1	87.8	94.4	94.8	95.6	95.7	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0
IV 900		79.8	87.5	88.1	94.8	95.2	96.0	96.1	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4
IV 800		79.9	87.6	88.2	94.9	95.5	96.2	96.3	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7
IV 700		80.0	87.7	88.3	95.2	95.8	96.5	96.7	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0
IV 600		80.0	87.7	88.3	95.4	96.2	97.0	97.1	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5
IV 500		80.1	88.0	88.7	96.0	96.9	97.7	97.8	97.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3
IV 400		80.1	88.1	88.8	96.2	97.4	98.3	98.4	98.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9
IV 300		80.1	88.1	88.8	96.2	97.4	98.3	98.4	98.4	98.5	98.9	99.0	99.0	99.1	99.1	99.2
IV 200		80.1	88.1	88.8	96.3	97.5	98.4	98.7	98.7	98.8	99.2	99.4	99.4	99.5	99.5	99.6
IV 100		80.1	88.1	88.8	96.3	97.5	98.4	98.7	98.7	98.8	99.2	99.4	99.4	99.6	99.8	100.0
IV 0		80.1	88.1	88.8	96.3	97.5	98.4	98.7	98.7	98.8	99.2	99.4	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 926

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING		42.8	49.1	49.8	55.0	55.4	56.0	56.1	56.4	56.6	56.7	56.7	56.9	56.9	57.0	57.1
≥ 20000		48.3	55.4	56.3	62.8	63.5	64.1	64.2	64.6	65.0	65.2	65.2	65.3	65.3	65.5	65.8
≥ 18000		49.2	56.3	57.2	63.9	64.7	65.3	65.4	65.8	66.2	66.3	66.3	66.5	66.5	66.7	67.0
≥ 16000		49.3	56.4	57.3	64.0	64.8	65.4	65.5	65.9	66.3	66.3	66.5	66.6	66.6	66.8	67.1
≥ 14000		49.6	56.7	57.6	64.3	65.2	65.7	65.8	66.2	66.7	66.8	66.8	66.9	66.9	67.1	67.4
≥ 12000		50.5	57.7	58.6	65.4	66.2	66.8	66.9	67.3	67.7	67.9	67.9	68.0	68.0	68.2	68.5
≥ 10000		52.0	59.7	60.5	67.7	68.7	69.5	69.6	70.0	70.4	70.6	70.6	70.7	70.7	70.9	71.2
≥ 9000		52.3	60.0	60.8	68.1	69.0	69.8	69.9	70.3	70.8	70.9	70.9	71.0	71.0	71.2	71.5
≥ 8000		54.5	62.5	63.3	70.6	71.5	72.3	72.4	72.8	73.2	73.4	73.4	73.5	73.5	73.7	74.0
≥ 7000		55.0	63.1	64.0	71.4	72.4	73.1	73.2	73.7	74.1	74.2	74.2	74.3	74.3	74.5	74.9
≥ 6000		55.8	64.1	65.0	72.6	73.6	74.3	74.4	74.9	75.3	75.4	75.4	75.5	75.5	75.7	76.1
≥ 5000		56.5	64.9	65.9	73.9	75.0	75.7	75.8	76.3	76.7	76.8	76.8	76.9	76.9	77.1	77.5
≥ 4500		58.7	67.1	68.1	76.4	77.5	78.2	78.3	78.7	79.2	79.3	79.3	79.4	79.4	79.6	79.9
≥ 4000		59.5	68.3	69.3	78.0	79.1	79.8	79.9	80.4	80.8	80.9	80.9	81.0	81.0	81.2	81.7
≥ 3500		62.7	71.5	72.5	81.7	82.7	83.5	83.6	84.0	84.5	84.6	84.6	84.7	84.7	84.9	85.3
≥ 3000		64.7	73.6	74.5	84.5	85.7	86.5	86.7	87.2	87.6	87.7	87.7	87.8	87.8	88.0	88.5
≥ 2500		65.5	74.3	75.4	85.8	87.1	87.9	88.1	88.6	89.0	89.2	89.2	89.4	89.4	89.6	90.1
≥ 2000		67.0	76.1	77.1	87.6	88.9	89.8	90.0	90.4	90.8	91.0	91.0	91.3	91.3	91.5	91.9
≥ 1800		67.1	76.2	77.2	87.8	89.1	90.0	90.2	90.6	91.0	91.3	91.3	91.5	91.5	91.7	92.1
≥ 1500		67.6	76.8	77.9	89.0	90.3	91.2	91.4	91.8	92.2	92.4	92.4	92.7	92.7	92.9	93.3
≥ 1200		68.0	77.3	78.4	89.6	91.3	92.3	92.6	93.0	93.5	93.7	93.7	94.0	94.0	94.2	94.6
≥ 1000		68.1	77.7	78.7	90.2	91.8	92.9	93.1	93.5	94.1	94.3	94.3	94.5	94.5	94.7	95.1
≥ 900		68.2	77.9	79.0	90.4	92.0	93.1	93.3	93.9	94.4	94.6	94.6	94.8	94.8	95.0	95.5
≥ 800		68.4	78.1	79.3	90.8	92.4	93.5	93.7	94.3	94.8	95.0	95.0	95.3	95.3	95.5	95.9
≥ 700		68.5	78.2	79.5	91.0	92.7	93.7	94.1	94.6	95.1	95.4	95.4	95.6	95.7	95.9	96.3
≥ 600		68.6	78.4	79.7	91.3	93.0	94.1	94.5	95.0	95.7	95.9	96.0	96.2	96.3	96.7	97.3
≥ 500		68.6	78.4	79.7	91.3	93.0	94.1	94.5	95.1	95.8	96.1	96.2	96.5	96.7	97.0	98.0
≥ 400		68.6	78.5	79.8	91.6	93.5	94.8	95.4	96.0	96.7	97.0	97.1	97.4	97.5	98.0	98.9
≥ 300		68.6	78.6	79.9	91.7	93.6	94.9	95.5	96.2	96.9	97.2	97.3	97.6	97.7	98.3	99.4
≥ 200		68.6	78.6	79.9	91.7	93.6	94.9	95.5	96.2	96.9	97.2	97.3	97.6	97.7	98.3	99.6
≥ 100		68.6	78.6	79.9	91.7	93.6	94.9	95.5	96.2	96.9	97.2	97.3	97.6	97.7	98.3	100.0
≥ 0		68.6	78.6	79.9	91.7	93.6	94.9	95.5	96.2	96.9	97.2	97.3	97.6	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219 KUNSAN AB KO

68-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		47.5	52.0	52.2	56.6	57.1	58.0	58.2	58.3	58.6	58.8	58.8	58.8	58.8	58.9	59.0
≥ 20000		54.6	59.8	60.1	65.0	65.6	66.7	67.0	67.2	67.4	67.6	67.6	67.6	67.6	67.7	67.9
IV 18000		55.3	60.7	60.9	66.1	66.6	67.8	68.0	68.2	68.5	68.7	68.7	68.7	68.7	68.8	69.0
IV 16000		55.5	61.0	61.2	66.4	67.0	68.4	68.6	68.8	69.0	69.2	69.2	69.2	69.2	69.3	69.5
IV 14000		56.9	62.1	62.3	67.5	68.0	69.4	69.6	69.9	70.1	70.3	70.3	70.3	70.3	70.4	70.6
IV 12000		58.0	63.6	63.8	69.0	69.5	70.9	71.2	71.4	71.6	71.8	71.8	71.8	71.8	71.9	72.1
IV 10000		60.2	66.1	66.3	71.8	72.3	73.7	74.0	74.2	74.4	74.6	74.6	74.6	74.6	74.7	74.9
IV 9000		60.7	66.7	67.0	72.7	73.2	74.6	74.8	75.0	75.2	75.5	75.5	75.5	75.5	75.6	75.8
IV 8000		63.2	69.5	69.8	75.9	76.5	77.9	78.1	78.4	78.6	78.8	78.8	78.8	78.8	78.9	79.1
IV 7000		63.6	70.0	70.2	77.0	77.6	79.1	79.3	79.5	79.8	80.0	80.0	80.0	80.0	80.1	80.3
IV 6000		64.2	70.5	70.7	77.7	78.4	80.0	80.2	80.4	80.6	80.8	80.8	80.8	80.8	80.9	81.2
IV 5000		64.9	71.3	71.7	79.0	79.9	81.5	81.8	82.0	82.2	82.5	82.5	82.5	82.5	82.6	82.8
IV 4500		65.9	72.2	72.7	80.0	80.8	82.7	83.0	83.3	83.5	83.7	83.7	83.7	83.7	83.9	84.2
IV 4000		66.5	73.0	73.4	80.9	81.8	83.7	84.1	84.4	84.6	84.8	84.8	84.8	84.8	84.9	85.3
IV 3500		67.2	73.8	74.3	82.0	82.9	84.8	85.1	85.5	85.7	85.9	85.9	85.9	85.9	86.0	86.3
IV 3000		69.9	76.9	77.4	85.3	86.3	88.3	88.7	89.0	89.2	89.5	89.5	89.5	89.5	89.6	89.9
IV 2500		70.4	77.4	77.9	85.8	87.0	89.0	89.5	89.8	90.0	90.2	90.2	90.2	90.2	90.3	90.6
IV 2000		71.6	78.8	79.3	87.8	89.1	91.2	91.8	92.1	92.5	92.7	92.7	92.7	92.7	92.8	93.1
IV 1800		72.3	79.5	80.1	88.7	90.0	92.0	92.8	93.1	93.5	93.8	93.8	93.8	93.8	93.9	94.2
IV 1500		72.6	80.0	80.5	89.2	90.5	92.6	93.3	93.6	94.1	94.3	94.3	94.3	94.3	94.4	94.7
IV 1200		73.4	80.6	81.2	90.1	91.5	93.5	94.4	94.7	95.2	95.4	95.5	95.5	95.5	95.6	95.9
IV 1000		73.7	80.9	81.5	90.5	91.9	94.0	94.8	95.2	95.6	95.8	95.9	95.9	95.9	96.0	96.3
IV 900		73.7	81.1	81.6	90.7	92.1	94.2	95.0	95.4	95.8	96.0	96.1	96.1	96.1	96.2	96.6
IV 800		73.8	81.3	82.0	91.4	92.8	94.8	95.7	96.0	96.7	96.9	97.0	97.0	97.0	97.1	97.4
IV 700		73.8	81.3	82.2	91.6	93.0	95.0	96.0	96.3	97.0	97.3	97.4	97.4	97.4	97.5	97.8
IV 600		73.8	81.3	82.2	91.6	93.0	95.0	96.0	96.3	97.1	97.6	97.8	97.8	97.8	98.0	98.4
IV 500		73.8	81.3	82.2	91.6	93.0	95.0	96.0	96.3	97.2	97.7	98.0	98.1	98.3	98.4	98.9
IV 400		73.8	81.3	82.2	91.6	93.0	95.0	96.0	96.4	97.3	98.0	98.2	98.4	98.6	98.7	99.4
IV 300		73.8	81.3	82.3	91.8	93.2	95.3	96.2	96.7	97.5	98.2	98.4	98.9	99.1	99.2	99.9
IV 200		74.0	81.4	82.5	91.9	93.3	95.4	96.3	96.8	97.6	98.3	98.5	99.0	99.2	99.4	100.0
IV 100		74.0	81.4	82.5	91.9	93.3	95.4	96.3	96.8	97.6	98.3	98.5	99.0	99.2	99.4	100.0
IV 0		74.0	81.4	82.5	91.9	93.3	95.4	96.3	96.8	97.6	98.3	98.5	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000		54.7 64.0	55.6 65.5	55.7 65.6	57.8 68.2	58.3 68.6	58.5 68.8	58.5 68.9	58.5 68.9	58.5 68.9	58.5 68.9	58.5 68.9	58.5 68.9	58.5 68.9	58.5 68.9	58.5 68.9
IV 18000 IV 16000		65.9 65.9	67.5 67.5	67.6 67.6	70.2 70.2	70.6 70.6	70.9 70.9	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0
IV 14000 IV 12000		66.5 68.1	68.1 69.7	68.2 69.8	70.8 72.6	71.2 73.0	71.4 73.2	71.5 73.3	71.5 73.3	71.5 73.3	71.5 73.3	71.5 73.3	71.5 73.3	71.5 73.3	71.5 73.3	71.5 73.3
IV 10000 IV 9000		71.6 72.4	73.2 74.1	73.3 74.2	76.7 77.5	77.1 78.0	77.3 78.2	77.4 78.3	77.4 78.3	77.4 78.3	77.4 78.3	77.4 78.3	77.4 78.3	77.4 78.3	77.4 78.3	77.4 78.3
IV 8000 IV 7000		74.7 76.6	76.9 78.7	77.0 78.8	80.4 82.4	80.9 82.8	81.1 83.0	81.2 83.1	81.2 83.1	81.2 83.1	81.2 83.1	81.2 83.1	81.2 83.1	81.2 83.1	81.2 83.1	81.2 83.1
IV 6000 IV 5000		77.3 78.5	79.5 81.0	79.6 81.1	83.2 85.1	83.7 85.5	83.9 85.7	84.0 85.8	84.0 85.8	84.0 85.8	84.0 85.8	84.0 85.8	84.0 85.8	84.0 85.8	84.0 85.8	84.0 85.8
IV 4500 IV 4000		78.8 79.4	81.3 81.9	81.4 82.0	85.7 86.3	86.1 86.8	86.3 87.0	86.8 87.4	86.8 87.4	86.8 87.4	86.8 87.4	86.8 87.4	86.8 87.4	86.8 87.4	86.8 87.4	86.8 87.4
IV 3500 IV 3000		80.8 83.0	83.4 85.6	83.5 85.9	88.1 90.9	88.5 91.3	88.7 91.5	89.2 92.0	89.2 92.0	89.2 92.0	89.2 92.0	89.2 92.0	89.2 92.0	89.2 92.0	89.2 92.0	89.2 92.0
IV 2500 IV 2000		84.0 84.6	86.9 87.7	87.0 87.8	91.9 93.0	92.4 93.4	92.6 93.7	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2
IV 1800 IV 1500		84.8 85.8	87.7 89.0	87.8 89.1	93.0 94.4	93.4 94.8	93.7 95.1	94.2 95.6	94.2 95.6	94.2 95.7	94.2 95.8	94.2 95.8	94.2 95.8	94.2 95.8	94.2 95.8	94.2 95.8
IV 1200 IV 1000		86.5 86.6	89.7 89.8	89.8 89.9	95.3 95.5	95.7 95.9	95.9 96.1	96.5 96.7	96.5 96.7	96.6 96.8	96.7 96.9	96.7 96.9	96.7 96.9	96.7 96.9	96.7 96.9	96.7 96.9
IV 900 IV 800		86.6 86.7	89.8 89.9	89.9 90.0	95.5 95.6	96.0 96.1	96.2 96.5	96.8 97.0	96.8 97.0	96.9 97.3	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4
IV 700 IV 600		86.9 86.9	90.1 90.1	90.2 90.2	95.8 95.8	96.5 96.5	96.8 96.8	97.3 97.3	97.3 97.4	97.7 97.8	97.8 98.0	97.8 98.0	97.8 98.0	97.8 98.0	97.8 98.0	97.8 98.0
IV 500 IV 400		86.9 86.9	90.1 90.1	90.2 90.2	95.8 95.8	96.5 96.6	96.8 96.9	97.4 97.5	97.5 97.7	98.0 98.2	98.1 98.3	98.2 98.5	98.4 98.7	98.4 98.7	98.5 98.8	98.5 98.8
IV 300 IV 200		86.9 86.9	90.1 90.1	90.3 90.3	96.0 96.0	96.9 97.0	97.3 97.4	98.0 98.1	98.2 98.3	98.7 98.8	98.9 99.0	99.1 99.2	99.7 99.8	99.7 99.8	99.8 99.9	99.8 100.0
IV 100 IV 0		86.9 86.9	90.1 90.1	90.3 90.3	96.0 96.0	97.0 97.0	97.4 97.4	98.1 98.1	98.3 98.3	98.8 98.8	99.0 99.0	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		54.1	55.6	55.6	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000		64.9	66.9	66.9	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000		67.8	69.8	69.8	72.0	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 16000		67.8	70.1	70.1	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 14000		68.5	70.8	70.8	73.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 12000		69.2	71.5	71.5	73.8	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6
IV 10000		71.2	73.4	73.4	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
IV 9000		71.6	73.9	73.9	76.3	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2
IV 8000		75.4	77.7	77.7	80.4	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3
IV 7000		76.6	79.1	79.1	82.2	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0
IV 6000		76.7	79.2	79.2	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
IV 5000		78.0	80.6	80.6	83.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6
IV 4500		78.5	81.5	81.5	84.6	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7
IV 4000		79.0	82.2	82.2	85.3	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5
IV 3500		81.7	84.8	84.8	88.2	88.6	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
IV 3000		84.5	87.7	87.8	91.5	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.9	92.9
IV 2500		85.6	88.9	89.0	93.0	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.5	94.5	94.5
IV 2000		86.1	89.6	89.7	94.0	94.5	94.9	95.3	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6
IV 1800		86.2	89.7	89.8	94.1	94.6	95.1	95.4	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7
IV 1500		86.9	90.3	90.4	94.7	95.3	95.7	96.0	96.0	96.0	96.1	96.2	96.3	96.5	96.5	96.5
IV 1200		87.1	90.6	90.8	95.2	95.7	96.1	96.5	96.6	96.6	96.7	96.8	96.9	97.0	97.0	97.0
IV 1000		87.3	90.9	91.0	95.5	96.0	96.5	96.8	96.9	96.9	97.0	97.1	97.2	97.3	97.3	97.3
IV 900		87.3	90.9	91.0	95.5	96.0	96.5	96.8	97.0	97.0	97.1	97.2	97.3	97.4	97.4	97.4
IV 800		87.3	90.9	91.0	95.5	96.0	96.5	96.8	97.0	97.0	97.3	97.4	97.5	97.6	97.6	97.6
IV 700		87.3	90.9	91.0	95.5	96.0	96.7	97.0	97.2	97.2	97.5	97.6	97.7	97.8	97.8	97.8
IV 600		87.3	90.9	91.0	95.5	96.1	96.9	97.2	97.4	97.4	97.7	97.8	98.0	98.1	98.1	98.1
IV 500		87.3	90.9	91.0	95.6	96.2	97.0	97.4	97.6	97.6	98.1	98.2	98.3	98.5	98.6	98.6
IV 400		87.3	90.9	91.0	95.6	96.5	97.2	97.6	97.8	98.1	98.5	98.6	98.7	98.9	99.0	99.0
IV 300		87.3	90.9	91.0	95.7	96.6	97.5	98.0	98.3	98.6	99.2	99.5	99.6	99.8	99.9	99.9
IV 200		87.3	90.9	91.0	95.7	96.6	97.5	98.0	98.3	98.6	99.2	99.5	99.6	99.9	100.0	100.0
IV 100		87.3	90.9	91.0	95.7	96.6	97.5	98.0	98.3	98.6	99.2	99.5	99.6	99.9	100.0	100.0
IV 0		87.3	90.9	91.0	95.7	96.6	97.5	98.0	98.3	98.6	99.2	99.5	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

68-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		59.0	60.2	60.2	61.5	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000		66.2	68.0	68.0	69.5	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000		68.4	70.2	70.2	71.8	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000		68.8	70.6	70.6	72.3	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
IV 14000		69.7	71.5	71.5	73.1	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7
IV 12000		70.8	72.8	72.8	74.4	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
IV 10000		72.8	75.2	75.2	76.8	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
IV 9000		73.3	75.7	75.7	77.3	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 8000		75.9	78.4	78.4	80.0	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
IV 7000		76.7	79.4	79.4	81.8	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
IV 6000		77.0	79.8	79.8	82.3	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
IV 5000		78.1	81.1	81.1	83.8	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
IV 4500		78.6	81.7	81.8	85.2	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 4000		79.1	82.5	82.7	86.1	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
IV 3500		80.4	83.9	84.1	87.5	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000		83.3	87.1	87.3	91.3	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
IV 2500		84.1	88.2	88.4	92.6	93.2	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000		84.3	88.4	88.6	93.2	94.0	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
IV 1800		84.3	88.4	88.6	93.3	94.1	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
IV 1500		84.7	88.8	89.0	93.8	94.8	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200		84.8	89.0	89.2	94.0	95.1	95.9	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000		85.2	89.5	89.7	94.4	95.5	96.3	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 900		85.4	89.7	89.9	94.6	95.7	96.6	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 800		85.4	89.7	89.9	94.6	95.7	96.6	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 700		85.4	89.7	89.9	94.6	95.7	96.6	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 600		85.4	89.9	90.1	94.9	96.0	96.9	97.0	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 500		85.4	90.0	90.2	95.1	96.1	97.0	97.1	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0
IV 400		85.4	90.0	90.2	95.1	96.1	97.1	97.2	97.4	97.7	98.6	98.6	98.6	98.6	98.6	98.6
IV 300		85.4	90.0	90.2	95.1	96.1	97.1	97.2	97.4	97.8	98.9	98.9	99.0	99.0	99.0	99.0
IV 200		85.4	90.0	90.2	95.1	96.1	97.1	97.2	97.5	98.0	99.2	99.2	99.4	99.4	99.7	99.8
IV 100		85.4	90.0	90.2	95.1	96.1	97.1	97.2	97.5	98.0	99.4	99.4	99.5	99.5	99.9	100.0
IV 0		85.4	90.0	90.2	95.1	96.1	97.1	97.2	97.5	98.0	99.4	99.4	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		61.0	63.3	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000		69.1	70.8	71.1	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000		69.7	71.3	71.6	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000		70.2	71.8	72.2	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000		70.6	72.3	72.6	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000		71.4	73.1	73.4	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 10000		72.9	74.8	75.2	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000		73.8	76.0	76.3	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 8000		76.5	78.8	79.1	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000		77.2	79.6	79.9	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000		77.4	79.8	80.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000		79.0	81.4	81.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500		80.8	83.4	83.8	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000		81.8	84.5	84.9	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500		83.1	85.8	86.2	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000		85.1	88.0	88.4	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500		86.2	89.1	89.7	91.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		86.7	89.7	90.3	92.5	93.4	93.5	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800		86.9	89.9	90.5	92.8	93.9	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500		87.3	90.4	91.2	93.4	94.6	94.7	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200		87.5	90.8	91.5	94.1	95.4	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000		87.7	91.0	91.7	94.4	95.8	96.1	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900		87.7	91.0	91.7	94.4	95.8	96.1	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800		87.8	91.1	91.8	94.5	95.9	96.2	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700		87.8	91.1	91.8	94.5	95.9	96.2	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600		88.0	91.2	91.9	94.6	96.0	96.3	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.2
≥ 500		88.1	91.3	92.0	94.9	96.5	96.8	97.1	97.2	97.3	97.4	97.4	97.5	97.6	97.7	97.7
≥ 400		88.1	91.3	92.0	94.9	96.5	96.8	97.2	97.3	97.4	97.6	97.6	97.7	98.0	98.1	98.1
≥ 300		88.1	91.3	92.0	95.2	96.7	97.0	97.5	97.6	97.7	98.0	98.0	98.1	98.3	98.4	98.4
≥ 200		88.2	91.4	92.2	95.3	96.8	97.1	97.8	98.1	98.2	98.4	98.5	98.9	99.4	99.5	99.8
≥ 100		88.2	91.4	92.2	95.3	96.8	97.1	97.8	98.1	98.2	98.5	98.6	99.0	99.5	99.7	100.0
≥ 0		88.2	91.4	92.2	95.3	96.8	97.1	97.8	98.1	98.2	98.5	98.6	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥¾	≥¾	≥0
NO CEILING ≥ 20000		53.5 61.3	56.2 64.7	56.4 64.9	58.7 67.7	59.0 68.1	59.3 68.4	59.3 68.5	59.4 68.6	59.4 68.6	59.5 68.7	59.5 68.7	59.5 68.7	59.5 68.7	59.5 68.8	59.6 68.8
IV 18000 IV 16000		62.5 62.7	66.0 66.2	66.2 66.4	69.1 69.3	69.6 69.8	69.9 70.2	70.0 70.2	70.0 70.3	70.1 70.4	70.2 70.4	70.2 70.4	70.2 70.4	70.2 70.4	70.2 70.5	70.3 70.5
IV 14000 IV 12000		63.3 64.4	66.8 68.0	67.0 68.2	70.0 71.2	70.4 71.7	70.8 72.0	70.8 72.1	70.9 72.1	71.0 72.2	71.0 72.3	71.0 72.3	71.1 72.3	71.1 72.3	71.1 72.4	71.2 72.4
IV 10000 IV 9000		66.2 66.9	70.0 70.7	70.2 71.0	73.4 74.2	73.9 74.7	74.3 75.1	74.4 75.1	74.4 75.2	74.5 75.3	74.6 75.4	74.6 75.4	74.6 75.4	74.6 75.4	74.6 75.4	74.7 75.5
IV 8000 IV 7000		69.3 70.2	73.4 74.3	73.7 74.6	77.0 78.4	77.5 78.9	77.9 79.3	78.0 79.3	78.0 79.4	78.1 79.5	78.2 79.6	78.2 79.6	78.2 79.6	78.2 79.6	78.2 79.6	78.3 79.7
IV 6000 IV 5000		70.7 71.9	74.9 76.3	75.3 76.6	79.1 80.7	79.6 81.2	80.0 81.6	80.1 81.7	80.1 81.8	80.2 81.9	80.3 81.9	80.3 81.9	80.3 81.9	80.3 81.9	80.3 82.0	80.4 82.1
IV 4500 IV 4000		73.3 74.1	77.8 78.8	78.2 79.2	82.5 83.6	83.0 84.2	83.5 84.7	83.6 84.8	83.7 84.9	83.8 85.0	83.9 85.1	83.9 85.1	83.9 85.1	83.9 85.1	84.0 85.1	84.0 85.2
IV 3500 IV 3000		76.0 78.4	80.0 83.3	81.2 83.8	85.8 88.9	86.4 89.5	86.9 90.0	87.1 90.2	87.2 90.3	87.3 90.4	87.3 90.5	87.3 90.5	87.3 90.5	87.3 90.5	87.3 90.6	87.5 90.6
IV 2500 IV 2000		79.4 80.1	84.4 85.3	84.9 85.8	90.2 91.4	90.9 92.2	91.4 92.7	91.6 92.9	91.7 93.0	91.8 93.2	91.9 93.3	91.9 93.3	91.9 93.3	91.9 93.3	91.9 93.4	92.1 93.5
IV 1800 IV 1500		90.3 80.9	85.5 86.1	86.0 86.7	91.7 92.6	92.5 93.4	93.1 94.1	93.3 94.3	93.4 94.4	93.6 94.6	93.6 94.7	93.7 94.8	93.7 94.8	93.7 94.8	93.7 94.8	93.8 94.9
IV 1200 IV 1000		81.3 81.6	86.6 87.0	87.2 87.6	93.3 93.8	94.2 94.7	94.9 95.4	95.2 95.7	95.3 95.8	95.5 96.0	95.6 96.1	95.7 96.2	95.7 96.2	95.7 96.2	95.8 96.3	95.9 96.4
IV 900 IV 800		81.7 81.9	87.2 87.3	87.8 88.0	94.0 94.2	94.9 95.1	95.6 95.9	95.9 96.2	96.0 96.3	96.3 96.6	96.4 96.8	96.4 96.8	96.5 96.8	96.5 96.8	96.5 96.9	96.6 97.0
IV 700 IV 600		81.9 82.0	87.4 87.5	88.1 88.2	94.4 94.5	95.3 95.5	96.1 96.3	96.4 96.6	96.6 96.8	96.9 97.1	97.0 97.3	97.1 97.4	97.1 97.5	97.1 97.5	97.2 97.6	97.3 97.7
IV 500 IV 400		82.0 82.0	87.5 87.6	88.2 88.3	94.7 94.8	95.7 95.9	96.5 96.8	96.9 97.2	97.1 97.4	97.4 97.8	97.7 98.2	97.8 98.3	97.9 98.4	97.9 98.5	98.0 98.6	98.2 98.8
IV 300 IV 200		82.0 82.0	87.6 87.6	88.3 88.3	94.9 94.9	96.1 96.1	96.9 97.0	97.4 97.5	97.6 97.8	98.0 98.2	98.5 98.7	98.6 98.8	98.9 99.1	99.0 99.3	99.1 99.4	99.4 99.8
IV 100 IV 0		82.0 82.0	87.6 87.6	88.3 88.3	94.9 94.9	96.1 96.1	97.0 97.0	97.5 97.5	97.8 97.8	98.2 98.2	98.7 98.7	98.9 98.9	99.2 99.2	99.3 99.3	99.6 99.6	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 7429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		48.6	51.3	51.3	53.7	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000		58.0	61.0	61.1	63.6	63.8	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3
≥ 18000		58.8	61.8	61.9	64.3	64.6	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1
IV 16000		58.8	61.8	61.9	64.3	64.6	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1
≥ 14000		58.9	61.9	62.0	64.4	64.7	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2
IV 12000		60.1	63.1	63.2	65.7	65.9	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.4
≥ 10000		61.3	64.3	64.4	67.2	67.4	67.6	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0
IV 9000		61.6	64.6	64.7	67.7	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 8000		66.2	69.2	69.3	72.3	72.6	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1
IV 7000		68.2	71.3	71.4	74.6	74.9	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 6000		69.9	73.2	73.3	76.6	77.0	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.6	77.6
IV 5000		71.0	74.3	74.4	77.9	78.3	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
≥ 4500		72.8	76.1	76.2	79.7	80.1	80.2	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7
IV 4000		74.0	77.3	77.4	81.0	81.4	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0
≥ 3500		75.0	78.3	78.4	82.1	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1
IV 3000		76.7	80.0	80.1	83.9	84.3	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9
≥ 2500		78.1	81.4	81.6	85.8	86.2	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
IV 2000		78.9	82.2	82.3	86.7	87.1	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 1800		79.3	82.7	82.8	87.1	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2
IV 1500		79.6	82.9	83.1	87.6	88.0	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 1200		79.9	83.4	83.8	88.3	88.8	89.0	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.7
IV 1000		80.2	83.8	84.1	89.1	89.6	89.8	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 900		80.3	84.0	84.3	89.3	89.8	90.0	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9
IV 800		80.6	84.3	84.7	89.8	90.2	90.4	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 700		80.9	84.8	85.1	90.4	91.1	91.6	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4
IV 600		81.4	85.4	85.8	91.7	92.3	92.8	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 500		81.4	85.4	85.8	92.0	92.9	93.8	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8
IV 400		81.6	85.6	85.9	92.4	93.6	94.6	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.8	95.8
≥ 300		81.6	85.6	85.9	92.6	93.9	95.2	96.3	96.9	97.2	97.2	97.2	97.2	97.2	97.6	97.8
IV 200		81.6	85.6	85.9	92.7	94.0	95.3	96.4	97.0	97.6	97.7	97.7	97.8	97.8	98.1	99.0
≥ 100		81.6	85.6	85.9	92.7	94.0	95.3	96.4	97.1	97.7	97.8	97.9	98.0	98.2	98.7	100.0
IV 0		81.6	85.6	85.9	92.7	94.0	95.3	96.4	97.1	97.7	97.8	97.9	98.0	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

47219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		46.9	50.7	51.1	54.0	54.3	54.3	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	55.0
≥ 20000		54.0	59.1	59.6	62.8	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.8
≥ 18000		54.3	59.7	60.1	63.3	63.7	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	64.0	64.3
≥ 16000		54.4	59.8	60.2	63.4	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.1	64.4
≥ 14000		54.6	59.9	60.3	63.6	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.6
≥ 12000		55.3	60.7	61.1	64.3	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.0	65.3
≥ 10000		57.2	62.6	63.0	66.3	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.3
≥ 9000		57.8	63.3	63.8	67.1	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.8	68.1
≥ 8000		61.4	67.4	67.9	71.2	71.5	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.9	72.2
≥ 7000		63.1	69.1	69.6	72.9	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.6	73.9
≥ 6000		64.6	70.6	71.1	74.6	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.6
≥ 5000		65.8	71.8	72.3	75.8	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.6	76.9
≥ 4500		66.7	72.7	73.3	77.0	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.8	78.1
≥ 4000		68.1	74.4	75.1	78.9	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.7	80.0
≥ 3500		69.1	75.6	76.2	80.4	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.6
≥ 3000		70.0	76.6	77.2	81.9	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.7	83.0
≥ 2500		70.9	77.7	78.3	83.1	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.9	84.2
≥ 2000		72.1	78.9	79.9	84.9	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.7	86.0
≥ 1800		72.4	79.2	80.2	85.2	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.3
≥ 1500		72.9	79.7	80.7	85.8	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.6	86.9
≥ 1200		73.8	81.0	82.1	87.3	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.7
≥ 1000		73.8	81.1	82.2	87.8	88.2	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.4
≥ 900		73.9	81.2	82.3	87.9	88.3	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.6
≥ 800		74.0	81.3	82.4	88.1	88.7	89.2	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.8	90.1
≥ 700		74.3	81.8	83.1	89.3	90.0	90.6	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.4
≥ 600		74.3	81.8	83.2	89.6	90.2	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.4	91.8
≥ 500		74.4	82.0	83.4	90.4	91.1	91.8	92.2	92.7	92.8	92.9	92.9	93.0	93.0	93.1	93.4
≥ 400		74.4	82.3	83.8	91.2	92.0	92.7	93.2	93.7	93.9	94.0	94.1	94.2	94.2	94.4	94.8
≥ 300		74.4	82.3	83.8	91.4	92.7	93.4	94.1	94.7	95.0	95.1	95.2	95.4	95.4	95.9	96.3
≥ 200		74.4	82.3	83.8	91.4	92.7	93.4	94.2	95.1	95.7	96.1	96.2	96.7	97.0	97.8	98.8
≥ 00		74.4	82.3	83.8	91.4	92.7	93.4	94.2	95.1	95.7	96.1	96.2	97.0	97.3	98.4	100.0
≥ 0		74.4	82.3	83.6	91.4	92.7	93.4	94.2	95.1	95.7	96.1	96.2	97.0	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		41.3	46.1	46.7	51.8	52.2	53.2	53.4	53.8	54.0	54.0	54.0	54.0	54.0	54.2	55.1
≥ 20000		46.3	51.9	52.4	58.0	58.6	59.6	59.8	60.1	60.3	60.3	60.3	60.3	60.3	60.8	61.7
IV 18000		46.4	52.0	52.6	58.2	58.8	59.8	60.0	60.3	60.6	60.6	60.6	60.6	60.6	61.0	61.9
IV 16000		46.7	52.2	52.8	58.4	59.0	60.0	60.2	60.6	60.8	60.8	60.8	60.8	60.8	61.2	62.1
IV 14000		47.7	53.4	54.1	59.8	60.3	61.3	61.6	61.9	62.1	62.1	62.1	62.1	62.1	62.6	63.4
IV 12000		49.3	55.2	55.9	61.6	62.1	63.1	63.3	63.7	63.9	63.9	63.9	63.9	63.9	64.3	65.2
IV 10000		51.2	57.3	58.0	63.8	64.3	65.3	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.6	67.4
IV 9000		52.1	58.2	58.9	64.7	65.2	66.2	66.4	66.8	67.0	67.0	67.0	67.0	67.0	67.4	68.3
IV 8000		55.9	62.2	62.9	69.1	69.7	70.7	71.0	71.3	71.6	71.7	71.7	71.7	71.7	72.1	73.0
IV 7000		58.4	65.2	66.0	72.3	72.9	73.9	74.2	74.6	74.8	74.9	74.9	74.9	74.9	75.3	76.2
IV 6000		59.0	65.8	66.6	72.9	73.4	74.4	74.8	75.1	75.3	75.4	75.4	75.4	75.4	75.9	76.8
IV 5000		59.7	66.8	67.6	73.9	74.4	75.4	75.8	76.1	76.3	76.4	76.4	76.4	76.4	76.9	77.8
IV 4500		60.3	67.8	68.6	75.3	75.9	76.9	77.2	77.6	77.8	77.9	77.9	77.9	77.9	78.3	79.2
IV 4000		61.4	69.1	69.9	76.7	77.2	78.2	78.6	78.9	79.1	79.2	79.2	79.2	79.2	79.7	80.6
IV 3500		62.7	70.3	71.1	78.1	79.7	79.7	80.0	80.3	80.6	80.7	80.7	80.7	80.7	81.1	82.0
IV 3000		64.0	71.7	72.4	79.4	80.2	81.2	81.6	81.9	82.1	82.2	82.2	82.2	82.2	82.7	83.6
IV 2500		65.0	72.9	73.7	81.2	82.0	83.0	83.3	83.7	83.9	84.0	84.0	84.0	84.0	84.4	85.3
IV 2000		66.1	74.0	74.8	82.8	83.7	84.7	85.0	85.3	85.6	85.7	85.7	85.7	85.7	86.1	87.0
IV 1800		66.2	74.1	74.9	82.9	83.8	84.8	85.1	85.4	85.7	85.8	85.8	85.8	85.8	86.2	87.1
IV 1500		66.8	74.8	75.6	83.8	84.7	85.9	86.3	86.7	86.9	87.0	87.0	87.0	87.0	87.4	88.3
IV 1200		67.3	75.3	76.1	84.3	85.2	86.6	87.0	87.4	87.7	87.8	87.8	87.8	87.8	88.2	89.1
IV 1000		68.0	76.1	77.0	85.8	86.7	88.0	88.4	88.9	89.1	89.2	89.2	89.3	89.3	89.9	90.8
IV 900		68.1	76.2	77.1	85.9	86.8	88.2	88.7	89.1	89.3	89.4	89.4	89.6	89.6	90.1	91.0
IV 800		68.4	76.6	77.4	86.2	87.1	88.6	89.0	89.4	89.7	89.8	89.8	89.9	89.9	90.4	91.3
IV 700		68.8	76.9	77.8	86.8	87.7	89.1	89.6	90.0	90.2	90.3	90.3	90.4	90.4	91.0	91.9
IV 600		68.8	77.0	77.9	87.1	88.2	89.8	90.3	90.8	91.0	91.1	91.1	91.2	91.2	91.8	92.7
IV 500		69.0	77.3	78.3	87.7	89.0	90.7	91.4	92.0	92.4	92.8	92.8	92.9	92.9	93.4	94.3
IV 450		69.0	77.4	78.4	88.7	90.0	92.0	93.0	93.6	94.2	94.9	94.9	95.0	95.0	95.6	96.9
IV 300		69.0	77.4	78.6	89.0	90.3	92.6	93.7	94.3	95.1	95.8	95.8	96.0	96.0	96.7	98.0
IV 200		69.0	77.4	78.6	89.0	90.3	92.7	93.9	94.7	95.4	96.3	96.3	96.7	96.9	97.8	99.8
IV 100		69.0	77.4	78.6	89.0	90.3	92.7	93.9	94.7	95.4	96.3	96.3	96.7	96.9	97.8	100.0
IV 0		69.0	77.4	78.6	89.0	90.3	92.7	93.9	94.7	95.4	96.3	96.3	96.7	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000		47.3	50.8	51.0	53.9	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 13000		55.4	59.4	59.7	62.9	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2
IV 16000		56.6	60.8	61.0	64.2	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6
IV 14000		56.6	60.8	61.0	64.2	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6
IV 12000		56.7	61.0	61.2	64.4	65.2	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8
IV 10000		58.1	62.6	62.8	66.0	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3
IV 9000		61.6	66.1	66.3	69.6	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9
IV 8000		62.3	66.9	67.1	70.3	71.1	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7
IV 7000		66.0	71.0	71.2	74.6	75.3	75.7	75.7	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0
IV 6000		68.2	73.6	73.8	77.1	77.9	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6
IV 5000		69.0	74.3	74.6	77.9	78.7	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3
IV 4500		70.9	76.3	76.6	79.9	80.7	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3
IV 4000		71.3	76.9	77.1	80.6	81.3	81.7	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0
IV 3500		72.3	78.1	78.3	81.8	82.6	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2
IV 3000		73.6	79.3	79.6	83.0	83.8	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4
IV 2500		74.9	80.7	80.9	84.3	85.1	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8
IV 2000		76.6	82.3	82.6	86.1	87.0	87.3	87.3	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7
IV 1800		77.7	83.6	83.8	87.6	88.4	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1
IV 1500		77.7	83.6	83.8	87.6	88.4	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1
IV 1200		78.2	84.1	84.3	88.2	89.1	89.7	89.7	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1
IV 1000		78.7	84.6	84.9	88.9	89.9	90.4	90.6	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0
IV 900		79.1	85.0	85.4	89.7	90.7	91.2	91.3	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8
IV 800		79.4	85.3	85.8	90.0	91.1	91.7	91.8	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2
IV 700		79.6	85.4	85.9	90.3	91.7	92.4	92.7	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1
IV 600		80.1	86.0	86.4	91.3	92.8	93.6	93.8	94.0	94.0	94.2	94.2	94.3	94.4	94.4	94.4
IV 500		80.3	86.2	86.7	91.9	93.4	94.3	94.7	94.9	94.9	95.1	95.1	95.2	95.3	95.3	95.3
IV 400		80.8	86.8	87.3	92.9	94.7	95.6	96.0	96.2	96.4	96.7	96.7	96.9	97.0	97.0	97.0
IV 300		81.2	87.2	87.8	93.3	95.1	96.3	97.0	97.2	97.2	97.6	97.8	97.8	98.0	98.1	98.3
IV 200		81.2	87.2	87.8	93.4	95.3	96.6	97.2	97.7	98.1	98.3	98.3	98.9	99.0	99.3	99.3
IV 100		81.2	87.2	87.8	93.4	95.3	96.6	97.2	97.7	98.3	98.6	98.6	99.1	99.4	100.0	100.0
IV 0		81.2	87.2	87.8	93.4	95.3	96.6	97.2	97.7	98.3	98.6	98.6	99.1	99.4	100.0	100.0

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO

STATION NAME

68-70,73-79

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		50.7	52.0	52.2	54.6	54.7	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000		60.8	62.4	62.7	65.7	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000		62.3	64.0	64.2	67.3	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000		62.3	64.0	64.2	67.3	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000		63.0	64.7	64.9	68.0	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000		64.2	66.0	66.2	69.3	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000		67.8	69.6	69.8	72.9	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000		68.9	70.7	70.9	74.0	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000		71.3	73.3	73.6	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000		74.3	76.6	76.9	80.2	80.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000		75.1	77.4	77.8	81.1	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000		75.6	78.1	78.4	81.8	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500		76.0	78.8	79.3	82.8	83.0	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000		76.7	79.4	80.0	83.7	83.9	83.9	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500		78.0	80.9	81.4	85.2	85.4	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000		80.2	83.6	84.1	88.1	88.3	88.4	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500		81.2	84.7	85.2	89.9	90.2	90.3	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000		82.4	86.1	86.8	91.6	92.0	92.1	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800		82.4	86.1	86.8	91.7	92.1	92.3	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500		83.0	86.7	87.3	92.2	92.8	93.0	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		83.7	87.4	88.2	93.2	93.8	94.1	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000		83.8	87.6	88.3	93.8	94.4	94.8	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900		84.0	87.9	88.8	94.3	95.0	95.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800		84.3	88.3	89.2	94.9	95.8	96.3	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700		84.4	88.4	89.3	95.1	96.0	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600		84.6	88.6	89.4	95.2	96.1	96.9	97.2	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 500		84.7	88.8	89.7	95.6	96.4	97.2	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400		84.7	88.8	89.7	95.7	96.7	97.6	98.1	98.3	98.6	98.7	98.9	99.0	99.0	99.0	99.0
≥ 300		84.7	88.8	89.7	95.7	97.1	98.1	98.7	98.9	99.1	99.2	99.4	99.6	99.6	99.6	99.6
≥ 200		84.7	88.8	89.7	95.7	97.1	98.1	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.9	99.9
≥ 100		84.7	88.8	89.7	95.7	97.1	98.1	98.7	99.0	99.2	99.3	99.6	99.9	99.9	100.0	100.0
≥ 0		84.7	88.8	89.7	95.7	97.1	98.1	98.7	99.0	99.2	99.3	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING		51.0	52.6	53.3	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000		60.6	62.2	63.0	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000		61.8	63.4	64.2	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000		62.2	63.9	64.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000		62.6	64.2	65.0	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000		64.6	66.2	67.0	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000		68.8	70.6	71.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000		70.6	72.3	73.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000		73.4	75.2	76.0	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000		75.0	77.1	77.5	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000		75.9	78.0	78.8	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000		76.1	78.2	79.0	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500		76.9	79.0	79.9	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000		78.1	80.2	81.1	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500		78.8	81.1	82.0	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000		80.7	83.7	84.6	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500		82.2	85.3	86.2	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000		83.4	86.6	87.6	91.1	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800		83.8	87.0	88.0	91.7	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		84.2	87.4	88.6	92.6	93.1	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		84.6	87.8	88.9	93.0	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000		84.6	87.9	89.0	93.3	94.0	94.2	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7
≥ 900		84.7	88.0	89.1	93.6	94.4	94.7	94.9	95.0	95.0	95.0	95.2	95.3	95.3	95.3	95.3
≥ 800		84.8	88.1	89.2	93.7	94.6	94.8	95.0	95.1	95.3	95.6	95.7	95.7	95.7	95.7	95.7
≥ 700		85.2	88.7	89.8	94.4	95.6	95.9	96.1	96.2	96.4	96.7	96.8	96.8	96.8	96.8	96.8
≥ 600		85.4	88.9	90.0	94.7	95.8	96.3	96.6	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2
≥ 500		85.4	88.9	90.0	94.7	96.0	96.6	96.8	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4
≥ 400		85.4	89.0	90.1	95.1	96.6	97.1	97.4	97.6	97.9	98.1	98.2	98.2	98.2	98.2	98.2
≥ 300		85.4	89.0	90.1	95.2	96.8	97.3	97.7	97.9	98.2	98.6	98.7	98.9	98.9	98.9	98.9
≥ 200		85.4	89.0	90.1	95.3	96.9	97.6	98.1	98.3	98.8	99.1	99.2	99.4	99.4	99.6	99.6
≥ 100		85.4	89.0	90.1	95.3	96.9	97.6	98.1	98.3	98.8	99.1	99.2	99.6	99.7	99.9	100.0
≥ 0		85.4	89.0	90.1	95.3	96.9	97.6	98.1	98.3	98.8	99.1	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

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STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		50.0	52.3	52.9	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000		59.8	62.1	62.7	64.3	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000		60.7	63.0	63.6	65.2	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000		61.4	63.8	64.3	66.0	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000		62.1	64.4	65.0	66.7	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000		64.0	66.3	66.9	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000		67.3	69.7	70.2	72.1	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000		68.6	70.9	71.4	73.3	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000		72.3	74.8	75.3	77.6	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000		74.0	76.9	77.4	79.9	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000		74.8	77.7	78.2	80.8	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000		75.4	78.3	78.9	81.4	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500		75.9	78.8	79.3	81.9	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000		77.1	80.1	80.8	83.4	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500		78.1	81.1	81.8	84.6	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000		79.2	82.6	83.2	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500		80.8	84.2	85.0	88.3	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000		81.7	85.1	85.9	89.6	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800		81.8	85.4	86.2	89.9	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500		82.3	86.0	86.8	90.4	91.1	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200		82.4	86.1	86.9	90.8	91.4	91.7	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000		82.9	86.6	87.3	91.2	91.9	92.1	92.4	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 900		83.1	86.8	87.6	91.4	92.1	92.3	92.7	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0
≥ 800		83.3	87.0	87.8	91.8	92.4	92.7	93.0	93.1	93.3	93.7	93.8	93.8	93.8	93.8	93.8
≥ 700		83.8	87.4	88.3	92.4	93.1	93.3	93.7	93.9	94.1	94.4	94.6	94.6	94.6	94.6	94.6
≥ 600		83.8	87.6	88.4	92.9	93.7	94.0	94.3	94.4	94.8	95.1	95.2	95.2	95.2	95.2	95.2
≥ 500		83.8	87.6	88.4	93.3	94.4	95.0	95.6	95.7	96.0	96.4	96.6	96.6	96.6	96.6	96.6
≥ 400		83.8	87.7	88.6	93.6	94.8	95.3	96.0	96.1	97.0	97.4	97.6	97.6	97.7	97.7	97.7
≥ 300		83.8	87.7	88.6	93.7	95.1	95.7	96.3	96.4	97.3	97.9	98.0	98.0	98.1	98.1	98.2
≥ 200		83.8	87.7	88.6	93.7	95.1	95.7	96.3	96.4	97.6	98.4	98.6	98.8	98.9	99.1	99.2
≥ 100		83.8	87.7	88.6	93.7	95.1	95.7	96.4	96.6	97.8	98.7	98.8	99.1	99.3	99.7	99.9
≥ 0		83.8	87.7	88.6	93.7	95.1	95.7	96.4	96.6	97.8	98.7	98.8	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		53.6	55.4	55.9	57.1	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
IV 20000		61.4	63.4	63.9	65.2	65.2	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8
IV 18000		62.1	64.1	64.6	65.9	65.9	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
IV 16000		62.1	64.1	64.6	65.9	65.9	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
IV 14000		62.3	64.3	64.8	66.1	66.1	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
IV 12000		63.7	65.7	66.1	67.4	67.4	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0
IV 10000		65.4	67.4	67.9	69.6	69.7	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
IV 9000		66.2	68.2	68.7	70.3	70.3	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 8000		70.1	72.1	72.6	74.6	74.7	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
IV 7000		72.9	75.0	75.4	77.4	77.6	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
IV 6000		73.6	75.7	76.1	78.1	78.2	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
IV 5000		74.7	77.0	77.4	79.7	79.9	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
IV 4500		75.7	78.1	78.6	81.0	81.6	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
IV 4000		76.8	79.3	79.9	82.4	83.0	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6
IV 3500		77.4	80.0	80.6	83.1	83.7	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
IV 3000		78.6	81.2	81.8	84.3	85.0	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 2500		80.9	83.9	84.6	87.1	87.8	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV 2000		81.4	84.7	85.4	88.2	88.9	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
IV 1800		81.6	84.8	85.6	88.3	89.1	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
IV 1500		82.0	85.2	86.0	88.8	89.7	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 1200		82.2	85.6	86.3	89.2	90.1	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IV 1000		82.2	85.6	86.3	89.7	90.6	91.1	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV 900		82.3	85.8	86.6	89.9	90.8	91.4	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
IV 800		82.7	86.3	87.1	90.4	91.3	92.0	92.1	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IV 700		82.9	87.0	88.0	91.7	92.6	93.3	93.4	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
IV 600		82.9	87.0	88.0	91.7	92.7	93.7	93.8	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
IV 500		82.9	87.1	88.1	92.3	93.8	95.0	95.2	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1
IV 400		83.0	87.2	88.2	92.4	94.2	95.6	95.9	96.4	96.6	96.8	96.8	96.8	96.9	97.0	97.0
IV 300		83.0	87.4	88.4	92.9	94.8	96.6	97.0	97.7	97.9	98.1	98.1	98.1	98.2	98.4	98.4
IV 200		83.0	87.4	88.4	92.9	94.8	96.6	97.0	97.7	98.0	98.2	98.2	98.3	98.6	98.8	98.8
IV 100		83.0	87.4	88.4	92.9	94.8	96.6	97.0	97.7	98.0	98.2	98.3	98.4	98.8	99.2	99.8
IV 0		83.0	87.4	88.4	92.9	94.8	96.6	97.1	97.8	98.1	98.3	98.4	98.5	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		48.7	51.4	51.8	54.3	54.5	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.2
≥ 20000		57.0	60.2	60.6	63.5	63.8	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.5
≥ 18000		57.9	61.1	61.5	64.4	64.7	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.4
≥ 16000		58.1	61.3	61.7	64.6	64.9	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.6
≥ 14000		58.5	61.7	62.2	65.0	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	66.1
≥ 12000		59.9	63.2	63.7	66.5	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.6
≥ 10000		62.6	65.9	66.4	69.4	69.7	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.5
≥ 9000		63.5	66.9	67.3	70.4	70.7	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.4
≥ 8000		67.1	70.7	71.1	74.3	74.6	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.4
≥ 7000		69.3	73.1	73.6	76.5	77.2	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.0
≥ 6000		70.2	74.1	74.6	77.9	78.3	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.1
≥ 5000		71.1	75.1	75.6	79.0	79.4	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.2
≥ 4500		71.9	76.0	76.5	80.1	80.6	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.4
≥ 4000		73.1	77.3	77.8	81.5	81.9	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.8
≥ 3500		74.1	78.3	78.9	82.7	83.1	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.8	84.0
≥ 3000		75.5	80.0	80.5	84.5	85.0	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.8
≥ 2500		77.0	81.6	82.1	86.4	86.9	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.8
≥ 2000		78.0	82.6	83.3	87.8	88.4	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.3
≥ 1800		78.2	82.9	83.5	88.0	88.7	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.6
≥ 1500		78.3	83.3	84.0	88.7	89.3	89.7	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.4
≥ 1200		79.1	83.9	84.7	89.4	90.1	90.5	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.3
≥ 1000		79.3	84.2	85.0	90.0	90.8	91.3	91.5	91.6	91.7	91.8	91.8	91.9	91.9	92.0	92.1
≥ 900		79.5	84.4	85.2	90.3	91.0	91.6	91.8	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.5
≥ 800		79.7	84.7	85.5	90.7	91.5	92.1	92.3	92.6	92.7	92.8	92.8	92.9	92.9	93.0	93.1
≥ 700		80.1	85.1	86.0	91.4	92.3	93.0	93.3	93.5	93.7	93.8	93.8	93.9	93.9	94.0	94.1
≥ 600		80.2	85.3	86.2	91.8	92.8	93.6	93.9	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.8
≥ 500		80.3	85.5	86.4	92.4	93.5	94.4	94.9	95.2	95.4	95.6	95.6	95.7	95.7	95.8	96.0
≥ 400		80.4	85.7	86.6	92.8	94.1	95.1	95.8	96.0	96.4	96.7	96.7	96.8	96.8	97.0	97.2
≥ 300		80.4	85.7	86.6	93.0	94.5	95.7	96.4	96.8	97.3	97.5	97.6	97.8	97.8	98.1	98.3
≥ 200		80.4	85.7	86.6	93.0	94.5	95.7	96.5	97.0	97.6	98.0	98.0	98.3	98.5	98.8	99.3
≥ 100		80.4	85.7	86.6	93.0	94.5	95.7	96.5	97.0	97.6	98.0	98.1	98.5	98.7	99.2	100.0
≥ 0		80.4	85.7	86.6	93.0	94.5	95.7	96.5	97.0	97.6	98.0	98.1	98.5	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

68-70,73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING		51.2	52.2	52.2	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000		60.8	61.9	61.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000		61.5	62.7	62.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000		61.5	62.7	62.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000		61.8	63.0	63.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000		63.0	64.2	64.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000		64.9	66.2	66.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000		66.1	67.4	67.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000		68.0	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000		70.0	71.3	71.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000		71.1	72.4	72.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000		72.0	73.5	73.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500		73.4	75.2	75.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000		75.1	76.9	77.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500		77.1	79.2	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000		78.9	81.1	81.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500		79.4	81.5	81.6	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000		80.2	82.9	83.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800		80.6	83.3	83.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500		81.4	84.3	84.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200		82.2	85.3	85.6	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1000		82.9	86.6	86.3	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900		83.0	86.7	87.1	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800		83.2	86.9	87.3	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700		83.7	87.3	87.7	91.6	91.7	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600		83.8	87.4	87.8	92.2	92.3	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500		84.0	88.1	88.5	93.0	93.2	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400		84.4	88.5	88.9	93.7	93.9	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 300		84.5	88.6	89.0	93.9	94.4	94.9	95.6	95.9	95.9	96.1	96.1	96.2	96.2	96.2	96.2
≥ 200		84.5	88.6	89.0	94.0	94.6	95.6	96.5	97.0	97.0	97.4	97.5	98.2	98.5	98.5	99.1
≥ 100		84.5	88.6	89.0	94.0	94.6	95.6	96.5	97.0	97.3	98.0	98.4	99.0	99.4	99.4	100.0
≥ 0		84.5	88.6	89.0	94.0	94.6	95.6	96.5	97.0	97.3	98.0	98.4	99.0	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		43.6	47.7	47.7	50.3	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.7	50.7	50.7	50.8
≥ 20000		52.7	56.9	57.1	59.8	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.4
≥ 18000		53.9	58.2	58.3	61.1	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.7
≥ 16000		53.9	58.2	58.3	61.1	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.7
≥ 14000		54.1	58.4	58.6	61.4	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.9
≥ 12000		55.4	59.7	59.8	62.6	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.2
≥ 10000		57.2	61.6	61.7	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.2
≥ 9000		58.2	62.8	62.9	65.9	66.0	66.1	66.1	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.5
≥ 8000		60.0	64.5	64.6	67.6	67.7	67.8	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.2
≥ 7000		63.0	67.5	67.6	70.6	70.7	70.8	70.8	70.8	70.9	71.0	71.0	71.2	71.2	71.2	71.3
≥ 6000		64.0	68.6	68.7	71.7	71.8	71.9	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.3
≥ 5000		65.0	69.5	69.6	72.9	73.0	73.1	73.1	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.5
≥ 4500		67.1	71.7	71.8	75.0	75.1	75.2	75.2	75.2	75.3	75.5	75.5	75.6	75.6	75.6	75.7
≥ 4000		68.4	73.1	73.2	76.5	76.6	76.7	76.7	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.2
≥ 3500		69.1	74.0	74.1	77.7	77.8	77.9	77.9	77.9	78.0	78.1	78.1	78.3	78.3	78.3	78.4
≥ 3000		70.7	75.7	75.8	79.4	79.5	79.8	79.8	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.2
≥ 2500		70.9	76.2	76.3	80.2	80.3	80.5	80.5	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.9
≥ 2000		72.4	77.7	77.9	82.2	82.3	82.6	82.6	82.6	82.7	82.8	82.8	82.9	82.9	82.9	83.0
≥ 1800		73.3	78.6	78.8	83.2	83.3	83.5	83.5	83.5	83.6	83.7	83.7	83.9	83.9	83.9	84.0
≥ 1500		74.3	79.5	79.8	84.7	84.8	85.0	85.0	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.5
≥ 1200		75.0	80.6	81.1	86.4	86.5	86.8	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.2
≥ 1000		75.9	81.6	82.0	87.4	87.6	87.8	87.9	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.4
≥ 900		76.2	81.9	82.3	88.2	88.4	88.6	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.2
≥ 800		76.2	82.0	82.5	88.7	89.1	89.3	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.1
≥ 700		76.4	82.2	82.7	89.1	89.6	89.9	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.6
≥ 600		76.6	82.6	83.0	89.9	90.4	90.7	91.0	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.5
≥ 500		77.0	83.0	83.4	90.4	91.0	91.4	91.8	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.6
≥ 400		77.2	83.2	83.7	91.3	91.8	92.2	93.1	93.4	93.5	93.8	93.8	94.0	94.0	94.0	94.2
≥ 300		77.2	83.2	83.7	91.6	92.5	93.2	94.6	95.0	95.4	95.7	95.8	96.0	96.0	96.0	96.3
≥ 200		77.2	83.2	83.7	91.8	92.7	93.5	95.0	95.7	96.3	97.1	97.2	98.0	98.2	98.3	99.4
≥ 100		77.2	83.2	83.7	91.8	92.7	93.5	95.0	95.7	96.4	97.3	97.6	98.4	98.6	98.7	99.9
≥ 0		77.2	83.2	83.7	91.8	92.7	93.5	95.0	95.7	96.4	97.3	97.6	98.4	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC

FORM
JUL 64

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		36.9	41.0	41.8	45.7	46.5	46.8	47.3	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.7
≥ 20000		42.8	47.3	48.1	53.1	54.0	54.4	54.8	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.3
≥ 18000		43.9	48.5	49.4	54.4	55.3	55.7	56.1	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.6
IV 16000		44.2	48.9	49.7	54.7	55.7	56.0	56.4	56.4	56.5	56.6	56.7	56.7	56.7	56.7	56.9
IV 14000		45.0	49.6	50.5	55.4	56.4	56.7	57.2	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.7
IV 12000		47.3	51.9	52.7	57.7	58.7	59.0	59.4	59.4	59.5	59.6	59.7	59.7	59.7	59.7	60.0
IV 10000		50.3	55.4	56.4	61.6	62.5	62.9	63.3	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.8
IV 9000		52.0	57.3	58.2	63.5	64.5	64.8	65.2	65.2	65.3	65.4	65.6	65.6	65.6	65.6	65.8
IV 8000		54.1	59.6	60.6	66.3	67.3	67.6	68.1	68.1	68.2	68.4	68.5	68.5	68.5	68.5	68.7
IV 7000		57.1	62.6	63.6	69.6	70.6	70.9	71.5	71.5	71.6	71.7	71.8	71.8	71.8	71.8	72.0
IV 6000		58.0	63.7	64.8	71.0	72.0	72.3	72.9	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.4
IV 5000		58.7	64.4	65.4	71.9	72.9	73.3	74.0	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.5
IV 4500		60.5	66.3	67.4	74.1	75.0	75.5	76.1	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.6
IV 4000		61.1	67.0	68.0	74.7	75.7	76.1	76.9	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.4
IV 3500		61.7	67.7	68.8	75.9	76.9	77.3	78.0	78.0	78.1	78.3	78.4	78.4	78.4	78.4	78.6
IV 3000		62.6	69.1	70.2	77.5	78.5	78.9	79.7	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.2
IV 2500		63.6	70.2	71.3	78.8	79.8	80.3	81.2	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.7
IV 2000		64.7	71.3	72.3	80.2	81.3	81.8	82.7	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.3
IV 1800		65.0	71.7	72.8	80.6	81.7	82.2	83.1	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.7
IV 1500		67.3	74.0	75.0	83.0	84.3	84.9	85.8	85.8	86.1	86.2	86.3	86.3	86.3	86.3	86.5
IV 1200		68.8	75.6	76.6	84.7	86.0	86.7	87.6	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.5
IV 1000		69.5	76.3	77.4	85.6	87.1	87.7	88.8	88.8	89.1	89.3	89.5	89.5	89.5	89.5	89.7
IV 900		70.0	76.7	77.8	86.1	87.6	88.3	89.3	89.3	89.7	89.9	90.0	90.0	90.0	90.0	90.2
IV 800		70.2	77.0	78.0	86.5	88.1	88.7	89.8	89.8	90.2	90.4	90.5	90.5	90.5	90.5	90.7
IV 700		70.6	77.5	78.7	87.8	89.3	90.2	91.3	91.4	91.8	92.0	92.1	92.1	92.1	92.1	92.4
IV 600		70.7	77.6	78.8	88.3	89.8	90.7	91.8	91.9	92.4	92.6	92.7	92.7	92.7	92.7	92.9
IV 500		71.2	78.4	79.5	89.1	90.9	92.1	93.2	93.4	93.9	94.2	94.3	94.4	94.4	94.4	94.6
IV 400		71.3	78.5	79.7	89.3	91.2	92.7	94.3	94.5	95.2	95.5	95.7	95.8	95.9	95.9	96.4
IV 300		71.4	79.0	80.2	90.2	92.1	93.9	95.8	96.0	96.7	97.2	97.5	97.7	97.8	97.8	98.4
IV 200		71.4	79.0	80.2	90.2	92.1	94.1	96.0	96.2	96.9	97.4	98.0	98.3	98.4	98.8	100.0
IV 100		71.4	79.0	80.2	90.2	92.1	94.1	96.0	96.2	96.9	97.4	98.0	98.3	98.4	98.8	100.0
IV 0		71.4	79.0	80.2	90.2	92.1	94.1	96.0	96.2	96.9	97.4	98.0	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		44.3	47.6	47.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8
≥ 20000		52.2	56.5	56.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 18000		53.3	57.7	58.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 16000		53.4	57.8	58.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 14000		54.0	58.8	59.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4
≥ 12000		56.0	60.7	61.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 10000		59.2	64.2	64.6	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
≥ 9000		60.1	65.0	65.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 8000		63.1	68.2	68.7	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 7000		65.0	70.4	70.8	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 6000		65.3	70.8	71.3	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥ 5000		66.4	71.9	72.3	76.3	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 4500		67.7	73.3	73.7	78.1	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 4000		68.5	74.3	74.7	79.2	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 3500		69.3	75.3	75.8	80.5	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 3000		70.0	76.2	76.6	81.7	82.1	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 2500		71.8	78.1	78.7	83.9	84.3	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 2000		73.5	79.9	80.4	85.7	86.1	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 1800		73.6	80.0	80.5	85.8	86.2	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 1500		75.7	82.2	82.8	88.4	88.8	89.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 1200		76.4	83.3	83.9	89.6	90.0	90.6	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 1000		77.3	84.3	84.8	90.7	91.2	92.0	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 900		77.6	84.7	85.3	91.2	91.6	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 800		78.1	85.3	85.8	91.9	92.4	93.2	93.3	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.9
≥ 700		78.9	86.1	86.7	92.9	93.4	94.4	94.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 600		79.3	86.5	87.1	94.0	94.7	95.7	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.4
≥ 500		79.5	86.8	87.4	94.3	95.0	96.0	96.2	96.4	96.8	96.9	96.9	96.9	96.9	96.9	97.0
≥ 400		79.8	87.1	87.7	95.0	95.8	97.0	97.3	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.2
≥ 300		79.8	87.1	87.7	95.5	96.4	97.7	98.1	98.5	98.8	99.0	99.0	99.0	99.0	99.1	99.2
≥ 200		79.8	87.1	87.7	95.5	96.4	97.7	98.1	98.5	98.8	99.1	99.1	99.2	99.2	99.5	99.8
≥ 100		79.8	87.1	87.7	95.5	96.4	97.7	98.1	98.5	98.8	99.2	99.2	99.4	99.6	99.7	99.9
≥ 0		79.8	87.1	87.7	95.5	96.4	97.7	98.1	98.5	98.8	99.2	99.2	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3-16	≥½	≥0
NO CEILING ≥ 20000	53.3	54.6	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 18000	62.4	64.2	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 16000	63.5	65.4	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 14000	64.1	65.9	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 12000	65.5	67.3	67.3	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 10000	67.1	69.0	69.0	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 9000	70.3	72.6	72.6	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 8000	71.1	73.3	73.3	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 7000	74.8	77.1	77.1	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 6000	76.5	78.8	78.8	80.4	80.4	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 5000	77.0	79.4	79.4	81.1	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 4500	78.3	80.6	80.6	82.4	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4000	79.0	81.5	81.5	83.4	83.4	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 3500	80.2	82.8	82.8	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 3000	81.5	84.1	84.1	86.3	86.3	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2500	81.9	84.6	84.6	87.0	87.0	87.1	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	83.1	86.2	86.2	87.8	87.8	88.0	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1800	83.8	86.9	86.9	87.1	87.4	90.6	91.0	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV 1500	84.1	87.3	87.3	87.5	87.9	91.1	91.4	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
IV 1200	85.1	88.3	88.3	88.5	87.4	92.6	93.0	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7
IV 1000	85.3	88.5	88.5	88.7	87.8	93.0	93.4	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
IV 900	86.0	89.6	89.6	89.8	87.0	94.2	94.7	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	86.3	90.0	90.0	90.2	87.4	94.6	95.2	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
IV 700	86.7	90.3	90.3	90.5	87.9	95.2	95.7	96.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5
IV 600	86.9	90.5	90.5	90.9	87.3	95.6	96.2	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1
IV 500	87.0	90.6	90.6	91.1	87.5	95.9	96.7	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5
IV 400	87.1	90.8	90.8	91.3	87.7	96.1	96.9	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
IV 300	87.4	91.2	91.2	91.7	87.3	96.8	97.5	98.3	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 200	87.6	91.4	91.4	91.9	87.8	97.3	98.1	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	87.6	91.4	91.4	91.9	87.8	97.3	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	87.6	91.4	91.4	91.9	87.8	97.3	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		52.2	53.1	53.2	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000		64.0	64.9	65.1	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000		64.5	65.5	65.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 16000		64.6	65.5	65.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000		65.8	66.9	67.0	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 12000		68.4	69.8	69.9	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 10000		71.6	73.3	73.4	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000		72.9	74.4	74.5	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 8000		75.8	77.5	77.6	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 7000		77.2	78.9	79.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 6000		78.1	79.8	79.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 5000		78.9	80.6	80.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500		79.6	81.3	81.4	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4000		80.8	82.6	82.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3500		81.9	83.8	83.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3000		83.0	84.8	84.9	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500		84.5	86.3	86.5	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2000		85.8	87.6	87.7	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800		86.0	87.8	88.0	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1500		87.0	88.9	89.1	92.0	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200		88.0	89.9	90.1	93.2	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1000		88.4	90.3	90.5	93.8	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 900		88.7	90.6	90.9	94.1	94.5	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 800		88.9	90.9	91.1	94.4	94.8	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700		89.0	91.0	91.2	94.6	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 600		89.5	91.4	91.7	95.4	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 500		89.8	91.7	92.0	95.8	96.3	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 400		90.0	92.0	92.4	96.8	97.5	97.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300		90.0	92.0	92.4	97.0	97.7	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200		90.0	92.0	92.4	97.0	97.7	98.3	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100		90.0	92.0	92.4	97.0	97.7	98.3	99.0	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
IV 0		90.0	92.0	92.4	97.0	97.7	98.3	99.0	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		52.8	53.4	53.4	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000		62.0	62.9	62.9	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4
≥ 18000		62.8	63.7	63.7	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2
IV 16000		63.0	63.9	63.9	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
IV 14000		63.4	64.5	64.5	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
IV 12000		66.2	67.3	67.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
IV 10000		69.9	71.0	71.0	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
IV 9000		71.8	73.0	73.0	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
IV 8000		74.5	76.0	76.0	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
IV 7000		75.7	77.4	77.4	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2
IV 6000		77.0	78.9	79.0	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
IV 5000		78.2	80.2	80.3	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
IV 4500		79.2	81.3	81.4	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5
IV 4000		79.7	81.7	81.8	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
IV 3500		81.3	83.4	83.7	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
IV 3000		82.9	85.1	85.3	87.1	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
IV 2500		83.7	85.8	86.0	87.8	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
IV 2000		84.6	86.9	87.1	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
IV 1800		84.8	87.2	87.4	89.5	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
IV 1500		85.9	88.4	88.6	91.0	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
IV 1200		86.2	88.8	89.0	91.4	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
IV 1000		86.6	89.2	89.5	92.3	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4
IV 900		87.0	89.7	89.9	92.7	93.1	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
IV 800		87.3	90.0	90.2	93.2	93.7	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6
IV 700		87.3	90.0	90.2	93.3	93.8	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9
IV 600		87.4	90.1	90.3	93.4	93.9	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1	95.1
IV 500		87.8	90.5	90.8	94.1	94.5	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.8	95.8
IV 400		88.2	91.0	91.5	95.3	95.8	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.5	97.6
IV 300		88.2	91.0	91.5	95.5	96.1	97.2	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.8
IV 200		88.2	91.0	91.5	95.6	96.2	97.3	98.1	98.4	98.7	98.8	98.8	98.9	99.1	99.7	99.9
IV 100		88.2	91.0	91.5	95.6	96.2	97.3	98.1	98.4	98.7	98.8	98.9	99.1	99.1	99.7	99.9
IV 0		88.2	91.0	91.5	95.6	96.2	97.3	98.1	98.4	98.7	98.8	98.9	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		53.8	55.4	55.5	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 20000		60.5	62.9	63.0	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 18000		61.2	63.5	63.7	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 16000		61.2	63.5	63.7	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 14000		61.4	63.8	63.9	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 12000		62.7	65.1	65.2	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 10000		65.9	68.4	68.5	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 9000		67.3	69.8	69.9	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 8000		71.2	73.8	73.9	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 7000		72.8	75.5	75.6	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 6000		74.0	76.8	76.9	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000		75.4	78.5	78.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4500		76.6	79.7	79.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 4000		77.3	80.4	80.5	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 3500		79.5	82.7	82.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3000		81.3	84.5	84.6	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2500		82.0	85.3	85.4	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 2000		83.1	86.5	86.8	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1800		83.2	86.7	87.0	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1500		83.8	87.2	87.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1200		84.3	87.7	88.2	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1000		84.7	88.2	88.6	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 900		84.7	88.3	88.7	91.7	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 800		84.9	88.6	89.1	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 700		85.1	88.7	89.2	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 600		85.4	89.0	89.6	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 500		85.6	89.4	89.9	93.7	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.3
IV 400		86.2	90.2	90.8	94.9	95.9	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
IV 300		86.5	90.8	91.3	95.6	96.6	97.1	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	98.1
IV 200		86.5	90.8	91.3	95.6	96.6	97.3	97.6	97.7	97.7	98.2	98.3	98.4	98.6	98.6	99.6
IV 100		86.5	90.8	91.3	95.7	96.7	97.5	97.8	98.0	98.5	98.6	98.7	98.9	98.9	99.2	99.9
IV 0		86.5	90.9	91.4	95.8	96.8	97.6	98.0	98.1	98.6	98.7	98.8	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

68-70,73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		48.5 57.2	50.6 59.7	50.8 59.9	52.3 61.7	52.5 61.9	52.6 62.0	52.6 62.0	52.6 62.0	52.6 62.0	52.7 62.1	52.7 62.1	52.7 62.1	52.7 62.1	52.7 62.1	52.7 62.1
IV 18000 IV 16000		58.1 58.2	60.7 60.8	60.9 61.0	62.6 62.8	62.8 63.0	62.9 63.1	63.0 63.1	63.0 63.1	63.0 63.1	63.0 63.2	63.0 63.2	63.0 63.2	63.0 63.2	63.0 63.2	63.1 63.3
IV 14000 IV 12000		58.9 60.8	61.5 63.5	61.7 63.7	63.5 65.5	63.7 65.7	63.8 65.8	63.9 65.9	63.9 65.9	63.9 65.9	63.9 65.9	64.0 65.9	64.0 65.9	64.0 65.9	64.0 65.9	64.0 66.0
IV 10000 IV 9000		63.7 64.9	66.6 67.9	66.8 68.1	68.8 70.1	69.0 70.3	69.1 70.4	69.2 70.5	69.2 70.5	69.2 70.5	69.2 70.5	69.2 70.6	69.2 70.6	69.2 70.6	69.2 70.6	69.3 70.6
IV 8000 IV 7000		67.7 69.7	70.8 72.8	71.0 73.0	73.3 75.5	73.5 75.7	73.6 75.8	73.7 75.9	73.7 75.9	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.9 76.1
IV 6000 IV 5000		70.6 71.6	73.8 74.9	74.0 75.2	76.6 77.8	76.8 78.1	76.9 78.2	77.0 78.3	77.0 78.3	77.1 78.4	77.1 78.4	77.1 78.4	77.1 78.4	77.1 78.4	77.1 78.4	77.2 78.5
IV 4500 IV 4000		72.9 73.9	76.3 77.3	76.5 77.6	79.4 80.5	79.6 80.8	79.7 81.0	79.9 81.1	79.9 81.1	79.9 81.1	79.9 81.2	79.9 81.2	80.0 81.2	80.0 81.2	80.0 81.2	80.0 81.3
IV 3500 IV 3000		75.2 76.4	78.8 80.1	79.1 80.4	82.1 83.6	82.4 83.9	82.7 84.1	82.7 84.3	82.7 84.3	82.8 84.3	82.8 84.3	82.8 84.4	82.8 84.4	82.8 84.4	82.8 84.4	82.9 84.4
IV 2500 IV 2000		77.4 78.5	81.2 82.5	81.5 82.8	85.0 86.5	85.3 86.8	85.5 87.1	85.7 87.3	85.7 87.3	85.8 87.3	85.8 87.4	85.8 87.4	85.8 87.4	85.8 87.4	85.9 87.4	85.9 87.5
IV 1800 IV 1500		78.8 80.0	82.8 84.1	83.2 84.5	86.9 88.5	87.2 88.9	87.5 89.2	87.7 89.4	87.7 89.4	87.7 89.5	87.8 89.5	87.8 89.5	87.8 89.6	87.8 89.6	87.8 89.6	87.9 89.6
IV 1200 IV 1000		80.8 81.4	85.0 85.7	85.4 86.1	89.6 90.5	90.0 91.0	90.4 91.4	90.6 91.7	90.6 91.7	90.7 91.8	90.8 91.9	90.8 91.9	90.8 91.9	90.8 91.9	90.8 91.9	90.9 92.0
IV 900 IV 800		81.7 82.0	86.1 86.4	86.5 86.8	91.1 91.6	91.6 92.1	92.0 92.5	92.3 92.8	92.3 92.9	92.4 93.0	92.5 93.1	92.5 93.1	92.5 93.1	92.5 93.1	92.5 93.1	92.6 93.2
IV 700 IV 600		82.2 82.5	86.7 86.9	87.2 87.4	92.2 92.7	92.7 93.3	93.2 93.9	93.5 94.2	93.6 94.3	93.7 94.4	93.8 94.5	93.8 94.5	93.9 94.5	93.9 94.5	93.9 94.5	93.9 94.6
IV 500 IV 400		82.7 83.1	87.3 87.7	87.9 88.3	93.3 94.1	93.9 94.8	94.5 95.6	94.9 96.2	95.1 96.4	95.2 96.6	95.3 96.7	95.4 96.7	95.4 96.8	95.4 96.8	95.4 96.8	95.5 97.0
IV 300 IV 200		83.1 83.1	87.9 87.9	88.5 88.5	94.5 94.6	95.4 95.5	96.3 96.5	97.2 97.4	97.5 97.8	97.7 98.2	97.9 98.5	97.9 98.6	98.0 98.6	98.0 99.0	98.0 99.2	98.3 99.7
IV 100 IV 0		83.1 83.1	87.9 87.9	88.5 88.5	94.6 94.6	95.5 95.5	96.5 96.5	97.5 97.5	97.8 97.8	98.3 98.3	98.6 98.7	98.8 98.9	99.1 99.2	99.2 99.3	99.4 99.5	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

7437

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		38.8	40.8	40.9	43.7	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000		43.9	46.3	46.5	49.7	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3
≥ 18000		44.2	46.6	46.8	50.1	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6
≥ 16000		44.2	46.6	46.8	50.1	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6
≥ 14000		44.6	47.1	47.3	50.5	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2
≥ 12000		45.7	48.3	48.5	51.8	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5
≥ 10000		48.3	51.1	51.3	55.5	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2
≥ 9000		49.2	51.9	52.2	56.7	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5
≥ 8000		51.9	55.1	55.3	60.2	60.4	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
≥ 7000		54.4	57.8	58.2	63.3	63.5	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4
≥ 6000		54.7	58.2	58.5	63.6	63.8	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7
≥ 5000		56.1	59.6	60.0	65.2	65.4	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3
≥ 4500		58.0	61.6	62.2	67.5	67.7	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6
≥ 4000		59.6	63.5	63.8	69.5	69.7	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
≥ 3500		62.2	66.1	66.4	72.1	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
≥ 3000		63.4	67.5	67.9	74.2	74.4	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
≥ 2500		64.6	68.7	69.1	75.4	75.6	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8
≥ 2000		67.4	72.6	73.1	80.0	80.2	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3
≥ 1800		68.0	73.2	73.6	80.6	80.9	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
≥ 1500		68.4	74.1	74.5	81.8	82.0	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
≥ 1200		70.2	76.1	76.5	83.8	84.0	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
≥ 1000		71.4	77.4	78.0	85.4	85.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
≥ 900		72.2	78.2	78.8	86.2	86.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9
≥ 800		73.2	79.6	80.2	87.9	88.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
≥ 700		74.0	80.8	81.4	89.2	89.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9
≥ 600		74.1	81.3	82.0	90.1	90.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.1	92.2	92.2
≥ 500		75.0	82.5	83.2	91.8	92.3	93.9	94.5	94.5	94.7	94.9	94.9	94.9	95.0	95.0	95.0
≥ 400		75.2	82.8	83.4	92.7	93.3	94.9	95.6	95.8	95.9	96.1	96.1	96.1	96.3	96.3	96.3
≥ 300		75.3	82.9	83.6	93.1	93.8	95.7	96.4	96.7	97.1	97.3	97.3	97.3	97.7	97.7	98.0
≥ 200		75.4	83.0	83.8	93.2	93.9	95.9	96.8	97.2	97.7	98.0	98.1	98.1	98.8	98.9	99.3
≥ 100		75.4	83.0	83.8	93.2	93.9	95.9	96.8	97.2	97.7	98.0	98.1	98.1	98.9	99.0	99.4
≥ 0		75.4	83.0	83.8	93.2	93.9	95.9	96.8	97.2	97.7	98.0	98.1	98.1	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO

STATION NAME

68-70,73-79

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥3/16	≥0
NO CEILING		31.6	33.4	33.6	39.2	39.3	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000		35.7	38.0	38.1	44.7	44.9	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV 18000		35.7	38.0	38.1	44.7	44.9	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV 16000		35.7	38.0	38.1	44.7	44.9	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV 14000		36.1	38.6	38.7	45.2	45.4	46.4	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 12000		37.3	39.9	40.0	46.8	47.0	48.0	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 10000		39.1	42.0	42.3	49.7	49.9	50.9	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 9000		39.9	42.9	43.2	50.9	51.1	52.1	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 8000		42.4	45.8	46.1	54.1	54.6	55.6	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 7000		43.7	47.0	47.3	55.6	56.0	57.0	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 6000		45.1	48.4	48.8	57.3	57.8	58.8	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 5000		45.9	49.4	49.8	58.4	58.9	59.9	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 4500		47.1	50.8	51.1	60.1	60.6	61.8	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 4000		48.0	52.0	52.3	61.4	61.9	63.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 3500		49.8	54.2	54.6	64.0	64.4	65.7	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9
IV 3000		51.7	56.6	56.9	67.3	67.8	69.2	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4
IV 2500		53.1	58.1	58.4	69.2	69.7	71.3	72.3	72.4	72.8	72.8	72.9	72.9	72.9	72.9	72.9
IV 2000		55.4	61.3	61.8	73.0	73.4	75.2	76.2	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8
IV 1800		56.3	62.4	62.9	74.1	74.6	76.3	77.3	77.4	77.8	77.8	77.9	77.9	77.9	77.9	77.9
IV 1500		57.9	64.2	64.7	76.6	77.1	78.9	79.9	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4
IV 1200		59.4	66.3	66.8	78.8	79.3	81.1	82.1	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7
IV 1000		60.0	67.1	67.6	79.8	80.3	82.2	83.2	83.3	83.7	83.7	83.8	83.8	83.8	83.8	83.8
IV 900		61.2	68.7	69.2	81.8	82.3	84.3	85.3	85.4	85.8	85.8	85.9	85.9	85.9	85.9	85.9
IV 800		61.4	69.0	69.7	82.6	83.1	85.1	86.2	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8
IV 700		62.4	70.3	71.0	84.1	84.7	86.9	88.0	88.1	88.4	88.4	88.6	88.7	88.7	88.7	88.7
IV 600		62.6	70.7	71.3	84.8	85.3	87.6	88.7	88.8	89.1	89.1	89.2	89.3	89.3	89.3	89.3
IV 500		63.3	72.0	72.7	87.3	88.4	90.9	92.6	92.7	93.0	93.0	93.1	93.2	93.2	93.3	93.3
IV 400		63.6	72.2	73.0	88.0	89.4	91.9	93.6	93.8	94.1	94.1	94.2	94.3	94.3	94.6	94.6
IV 300		63.6	72.3	73.2	88.4	90.1	93.1	95.0	95.3	95.9	95.9	96.0	96.1	96.2	96.6	96.6
IV 200		63.6	72.3	73.2	88.8	90.4	93.6	95.7	96.1	96.8	97.0	97.2	97.9	98.2	99.0	99.3
IV 100		63.6	72.3	73.2	88.8	90.4	93.6	95.8	96.2	97.0	97.3	97.6	98.2	98.6	99.3	99.9
IV 0		63.6	72.3	73.2	88.8	90.4	93.6	95.8	96.2	97.0	97.3	97.6	98.3	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		23.3	26.6	26.6	31.7	32.7	33.8	35.1	35.3	35.7	36.1	36.1	36.1	36.1	36.2	36.4
≥ 20000		27.7	31.2	31.4	37.2	38.4	39.6	41.0	41.2	41.7	42.6	42.6	42.8	42.8	42.9	43.3
≥ 18000		28.1	31.7	31.9	37.7	38.9	40.0	41.4	41.7	42.1	43.0	43.0	43.2	43.2	43.3	43.8
≥ 16000		28.1	31.7	31.9	37.7	38.9	40.0	41.4	41.7	42.1	43.0	43.0	43.2	43.2	43.3	43.8
≥ 14000		29.0	32.7	32.9	38.7	39.9	41.0	42.4	42.7	43.1	44.0	44.0	44.2	44.2	44.3	44.9
≥ 12000		30.2	33.9	34.1	40.2	41.4	42.6	44.0	44.2	44.7	45.6	45.6	45.8	45.8	45.9	46.6
≥ 10000		31.7	35.6	36.1	42.9	44.2	45.8	47.2	47.6	48.0	48.9	48.9	49.1	49.1	49.2	49.9
≥ 9000		32.7	36.7	37.2	44.2	45.6	47.2	48.7	49.0	49.6	50.4	50.4	50.7	50.7	50.8	51.4
≥ 8000		36.1	40.2	40.8	48.4	49.8	51.4	52.9	53.2	53.9	54.9	54.9	55.1	55.1	55.2	55.9
≥ 7000		37.7	41.9	42.4	50.2	51.7	53.3	54.9	55.2	55.9	57.0	57.0	57.2	57.2	57.3	58.0
≥ 6000		39.3	43.7	44.3	52.1	53.6	55.2	56.8	57.1	57.9	59.0	59.0	59.2	59.2	59.3	60.0
≥ 5000		40.2	44.6	45.3	53.2	54.7	56.3	57.9	58.2	59.0	60.1	60.1	60.3	60.3	60.4	61.1
≥ 4500		42.1	46.4	47.2	55.2	56.7	58.4	60.2	60.6	61.3	62.4	62.4	62.7	62.7	62.8	63.4
≥ 4000		43.7	48.6	49.3	57.3	58.8	60.6	62.3	62.7	63.4	64.6	64.7	64.9	64.9	65.0	65.7
≥ 3500		44.6	49.6	50.4	58.7	60.2	62.0	63.8	64.1	64.9	66.0	66.1	66.3	66.3	66.4	67.1
≥ 3000		45.7	50.7	51.6	60.2	61.8	63.8	65.6	65.9	66.7	67.8	67.9	68.1	68.1	68.2	68.9
≥ 2500		46.7	51.9	52.8	62.1	63.8	65.9	67.7	68.0	68.9	70.0	70.1	70.3	70.3	70.4	71.1
≥ 2000		48.8	54.8	55.8	65.6	67.2	69.3	71.1	71.4	72.6	73.7	73.8	74.0	74.0	74.1	74.8
≥ 1800		49.1	55.1	56.1	66.0	67.7	69.9	71.7	72.0	73.1	74.2	74.3	74.6	74.6	74.7	75.3
≥ 1500		50.8	57.3	58.4	68.4	70.1	72.4	74.4	74.8	75.9	77.0	77.1	77.3	77.3	77.4	78.1
≥ 1200		53.2	59.8	60.9	71.1	72.8	75.3	77.3	77.7	78.8	79.9	80.0	80.2	80.2	80.3	81.0
≥ 1000		54.7	61.4	62.6	72.9	75.0	77.9	79.9	80.2	81.3	82.4	82.6	82.8	82.8	82.9	83.6
≥ 900		55.4	62.7	63.9	74.4	76.8	79.7	81.7	82.0	83.1	84.2	84.3	84.6	84.6	84.7	85.3
≥ 800		56.8	64.2	65.4	76.4	78.9	82.0	84.3	84.9	86.1	87.4	87.6	87.8	87.8	87.9	88.6
≥ 700		57.3	64.8	66.0	77.7	80.2	83.3	85.7	86.2	87.4	89.0	89.1	89.3	89.3	89.4	90.1
≥ 600		57.9	65.6	66.9	79.1	81.9	85.2	87.9	88.4	89.8	91.3	91.4	91.7	91.7	91.8	92.4
≥ 500		58.3	66.3	67.7	80.9	83.7	87.1	90.0	90.6	92.0	93.6	93.7	93.9	93.9	94.0	94.7
≥ 400		58.7	66.7	68.0	81.8	84.7	88.2	91.2	91.8	93.2	94.9	95.0	95.2	95.2	95.3	96.0
≥ 300		58.7	66.7	68.0	82.0	84.9	88.8	91.9	92.4	94.1	96.0	96.2	96.7	96.7	96.9	97.6
≥ 200		58.7	66.7	68.0	82.2	85.1	89.0	92.4	93.0	94.9	97.1	97.4	98.0	98.3	98.7	99.9
≥ 100		58.7	66.7	68.0	82.2	85.1	89.0	92.4	93.0	94.9	97.1	97.6	98.1	98.4	98.8	100.0
≥ 0		58.7	66.7	68.0	82.2	85.1	89.0	92.4	93.0	94.9	97.1	97.6	98.1	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (UT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING		34.4	36.2	36.5	40.4	41.2	41.8	42.6	42.6	42.9	42.9	42.9	42.9	42.9	43.0	43.0
≥ 20000		41.3	43.8	44.2	49.8	50.8	51.6	52.4	52.4	52.8	52.9	52.9	52.9	52.9	53.1	53.1
≥ 18000		42.0	44.6	44.9	50.6	51.6	52.4	53.2	53.2	53.6	53.7	53.7	53.7	53.7	53.8	53.8
IV 16000		42.0	44.6	44.9	50.6	51.6	52.4	53.2	53.2	53.6	53.7	53.7	53.7	53.7	53.8	53.8
IV 14000		43.9	46.5	46.8	52.5	53.5	54.4	55.2	55.2	55.6	55.7	55.7	55.7	55.7	55.8	55.8
IV 12000		44.9	47.7	48.1	53.9	55.1	56.2	57.0	57.0	57.4	57.5	57.5	57.5	57.5	57.6	57.6
IV 10000		46.9	49.7	50.2	56.5	58.0	59.2	60.3	60.3	60.7	60.8	60.8	60.8	60.8	61.0	61.0
IV 9000		47.6	50.5	50.9	57.3	58.7	60.0	61.1	61.1	61.5	61.6	61.6	61.6	61.6	61.7	61.7
IV 8000		50.5	53.8	54.3	61.0	62.5	64.0	65.2	65.3	65.9	66.1	66.2	66.2	66.2	66.3	66.3
IV 7000		52.6	56.1	56.5	63.5	65.1	66.6	67.9	68.0	68.5	68.7	68.9	68.9	68.9	69.0	69.0
IV 6000		54.2	57.6	58.1	65.1	66.6	68.2	69.4	69.6	70.2	70.4	70.5	70.5	70.5	70.6	70.6
IV 5000		54.5	58.0	58.4	65.4	67.0	68.5	69.7	70.0	70.5	70.7	70.9	70.9	70.9	71.0	71.0
IV 4500		55.5	59.0	59.4	66.4	68.0	69.5	70.7	71.0	71.5	71.7	71.9	71.9	71.9	72.0	72.0
IV 4000		57.3	60.8	61.3	68.4	70.0	71.5	72.7	73.0	73.5	73.7	73.9	73.9	73.9	74.0	74.0
IV 3500		58.0	61.5	62.0	69.2	70.7	72.3	73.6	73.9	74.5	74.7	74.9	74.9	74.9	75.0	75.0
IV 3000		59.7	63.5	64.0	71.7	73.3	74.9	76.4	76.6	77.4	77.6	77.8	77.8	77.8	77.9	77.9
IV 2500		61.0	65.0	65.4	73.9	75.4	77.1	78.6	78.9	79.9	80.1	80.2	80.2	80.2	80.3	80.3
IV 2000		62.6	66.6	67.1	76.4	78.0	79.8	81.3	81.5	82.5	82.8	82.9	82.9	82.9	83.0	83.0
IV 1800		63.3	67.3	67.7	77.1	78.6	80.4	82.0	82.3	83.3	83.5	83.6	83.6	83.6	83.8	83.8
IV 1500		65.9	70.2	70.6	80.4	82.0	83.8	85.3	85.7	86.7	86.9	87.0	87.0	87.0	87.1	87.1
IV 1200		67.6	72.0	72.4	82.4	84.0	85.8	87.3	87.7	88.7	88.9	89.0	89.0	89.0	89.1	89.1
IV 1000		69.2	73.9	74.3	85.0	86.5	88.3	90.0	90.4	91.4	91.7	91.8	91.8	91.8	91.9	91.9
IV 900		69.9	74.6	75.1	85.9	87.5	89.5	91.3	91.8	92.8	93.0	93.1	93.1	93.1	93.2	93.2
IV 800		70.5	75.5	76.1	86.9	88.5	90.5	92.3	92.8	93.8	94.0	94.1	94.1	94.1	94.2	94.2
IV 700		71.0	76.1	76.6	87.4	89.1	91.2	93.0	93.4	94.4	94.7	94.8	94.8	94.8	94.9	94.9
IV 600		71.1	76.3	77.0	88.2	90.0	92.3	94.2	94.7	95.7	95.9	96.0	96.1	96.1	96.2	96.2
IV 500		71.4	76.8	77.4	89.3	91.3	93.9	96.0	96.6	97.6	97.8	97.9	98.0	98.0	98.1	98.1
IV 400		71.7	77.2	78.1	90.2	92.3	95.0	97.2	97.8	98.8	99.1	99.2	99.3	99.3	99.6	99.6
IV 300		71.9	77.3	78.2	90.4	92.5	95.3	97.6	98.1	99.1	99.4	99.6	99.7	99.7	99.9	99.9
IV 200		71.9	77.3	78.2	90.4	92.5	95.3	97.6	98.1	99.1	99.4	99.6	99.8	99.8	100.0	100.0
IV 100		71.9	77.3	78.2	90.4	92.5	95.3	97.6	98.1	99.1	99.4	99.6	99.8	99.8	100.0	100.0
IV 0		71.9	77.3	78.2	90.4	92.5	95.3	97.6	98.1	99.1	99.4	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		43.9	45.6	46.0	49.1	49.1	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000		55.2	58.0	58.4	63.3	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000		56.6	59.1	59.6	64.4	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000		56.6	59.1	59.6	64.4	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000		57.4	60.0	60.4	65.3	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000		59.0	61.6	62.0	66.9	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000		62.1	64.9	65.6	70.9	71.3	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000		63.1	65.9	66.6	71.9	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000		64.7	68.0	68.7	74.3	75.2	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000		67.4	70.8	71.4	77.1	78.0	78.4	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000		68.4	71.8	72.4	78.1	79.0	79.4	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000		69.3	72.7	73.3	79.0	79.9	80.3	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500		70.1	73.6	74.2	79.9	80.9	81.3	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000		71.3	74.9	75.6	81.3	82.3	82.8	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500		72.1	75.9	76.7	82.9	83.9	84.3	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000		73.8	77.8	78.7	85.4	86.4	86.9	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500		75.0	79.0	79.9	86.7	87.7	88.1	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000		75.2	79.3	80.2	87.7	88.7	89.1	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		75.6	79.7	80.3	88.0	89.0	89.4	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500		76.8	81.1	82.0	89.8	90.8	91.2	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200		77.8	82.3	83.4	91.2	92.2	92.7	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000		78.6	83.1	84.2	92.1	93.1	93.6	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900		78.6	83.1	84.2	92.1	93.1	93.6	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800		78.6	83.1	84.2	92.3	93.3	93.9	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700		78.8	83.3	84.4	92.7	93.7	94.2	94.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600		79.1	83.7	84.9	93.4	94.6	95.1	95.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500		79.4	84.2	85.4	94.2	95.4	96.4	97.2	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		79.8	84.6	85.8	94.7	95.9	97.0	97.9	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		80.1	84.9	86.1	95.2	96.7	97.8	98.7	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200		80.1	85.0	86.2	95.3	96.8	98.0	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		80.1	85.0	86.2	95.3	96.8	98.0	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		80.1	85.0	86.2	95.3	96.8	98.0	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		46.1	48.2	48.2	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000		57.2	60.2	60.2	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 18000		59.0	62.0	62.0	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 16000		59.2	62.2	62.2	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000		59.9	62.9	62.9	65.7	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 12000		61.7	64.7	64.7	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 10000		65.6	69.0	69.0	71.9	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 9000		67.6	71.0	71.0	74.1	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 8000		70.4	74.2	74.2	77.9	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 7000		72.0	75.8	75.8	79.4	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 6000		72.2	76.0	76.0	79.7	80.3	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 5000		73.0	76.9	76.9	80.6	81.2	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 4500		73.9	78.1	78.2	82.0	82.7	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4000		75.3	79.6	79.7	83.6	84.2	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 3500		76.6	80.9	81.1	85.2	85.9	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3000		77.8	82.4	82.7	87.2	87.9	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500		78.1	82.9	83.1	87.7	88.3	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000		78.9	83.7	83.9	88.6	89.2	90.1	90.2	90.3	90.6	90.6	90.6	90.6	90.7	90.7	90.7
IV 1800		78.9	83.7	84.0	88.7	89.3	90.2	90.3	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8
IV 1500		79.4	84.2	84.7	89.7	90.4	91.4	91.6	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0
IV 1200		79.8	84.8	85.2	90.2	91.1	92.1	92.2	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7
IV 1000		80.1	85.3	85.8	91.0	91.9	92.9	93.0	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 900		80.3	85.6	86.0	91.2	92.1	93.1	93.2	93.3	93.9	93.9	93.9	94.0	94.0	94.0	94.0
IV 800		80.4	85.7	86.1	91.3	92.2	93.3	93.4	93.6	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 700		80.6	85.9	86.3	91.7	92.6	93.8	93.9	94.0	94.6	94.6	94.6	94.7	94.7	94.7	94.7
IV 600		80.7	86.0	86.4	92.0	93.0	94.2	94.3	94.4	95.1	95.1	95.1	95.2	95.2	95.2	95.2
IV 500		80.8	86.3	86.9	92.7	93.8	95.1	95.3	95.4	96.2	96.3	96.3	96.4	96.4	96.4	96.4
IV 400		81.2	86.9	87.6	93.6	94.7	96.1	96.3	96.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7
IV 300		81.2	87.1	87.9	94.1	95.3	96.9	97.1	97.3	98.3	98.4	98.4	98.8	98.8	98.8	98.8
IV 200		81.2	87.1	87.9	94.1	95.3	97.2	97.7	98.0	99.0	99.1	99.1	99.6	99.8	99.8	99.8
IV 100		81.2	87.1	87.9	94.1	95.3	97.3	97.8	98.1	99.1	99.2	99.3	99.8	100.0	100.0	100.0
IV 0		81.2	87.1	87.9	94.1	95.3	97.3	97.8	98.1	99.1	99.2	99.3	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		43.9	45.2	45.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.6	46.6	46.6
≥ 20000		54.1	55.6	55.6	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8
≥ 18000		55.6	57.1	57.1	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3
≥ 16000		55.6	57.1	57.1	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3
≥ 14000		57.0	58.6	58.6	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9
≥ 12000		59.3	60.9	60.9	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6
≥ 10000		63.8	65.4	65.4	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
≥ 9000		65.3	67.2	67.2	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.4	70.4	70.4
≥ 8000		68.1	70.6	70.6	73.9	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.1	75.1	75.1
≥ 7000		69.6	72.2	72.2	75.6	76.3	76.4	76.4	76.4	76.8	76.8	76.8	76.8	76.9	76.9	76.9
≥ 6000		70.7	73.1	73.2	76.7	77.4	77.6	77.6	77.6	77.9	77.9	77.9	77.9	78.0	78.0	78.0
≥ 5000		71.6	74.0	74.1	77.7	78.4	78.6	78.6	78.6	78.9	78.9	78.9	78.9	79.0	79.0	79.0
≥ 4500		72.8	75.6	75.7	79.3	80.1	80.2	80.2	80.2	80.6	80.6	80.6	80.6	80.7	80.7	80.7
≥ 4000		74.8	77.6	77.7	81.3	82.1	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.7	82.7	82.7
≥ 3500		76.1	78.9	79.0	82.9	83.7	83.8	83.8	83.8	84.2	84.2	84.2	84.2	84.3	84.3	84.3
≥ 3000		77.2	80.2	80.4	84.8	85.8	86.0	86.0	86.0	86.4	86.4	86.4	86.4	86.6	86.6	86.6
≥ 2500		77.6	80.6	80.8	85.1	86.1	86.3	86.3	86.3	86.9	86.9	86.9	86.9	87.1	87.1	87.1
≥ 2000		77.6	80.8	81.0	85.6	86.6	86.8	86.8	86.8	87.3	87.3	87.3	87.3	87.7	87.7	87.7
≥ 1800		77.6	80.8	81.0	85.6	86.6	86.8	86.8	86.8	87.4	87.4	87.4	87.4	87.8	87.8	87.8
≥ 1500		78.0	81.4	81.7	86.3	87.3	87.7	87.8	87.8	88.4	88.4	88.4	88.4	88.8	88.9	88.9
≥ 1200		79.4	83.0	83.2	87.9	88.9	89.2	89.3	89.3	90.1	90.1	90.1	90.1	90.4	90.6	90.6
≥ 1000		79.8	83.4	83.7	88.4	89.4	89.8	90.0	90.0	90.8	90.8	90.8	90.8	91.1	91.2	91.2
≥ 900		80.1	83.8	84.0	88.9	89.9	90.2	90.6	90.6	91.3	91.3	91.3	91.3	91.6	91.7	91.8
≥ 800		80.8	84.4	84.7	89.6	90.6	91.0	91.3	91.3	92.1	92.1	92.1	92.1	92.4	92.6	92.6
≥ 700		81.0	84.9	85.1	90.0	91.0	91.6	91.9	91.9	92.7	92.7	92.7	92.7	93.0	93.2	93.2
≥ 600		81.2	85.1	85.3	90.7	91.7	92.3	92.7	92.7	93.4	93.4	93.4	93.4	93.8	94.0	94.0
≥ 500		81.6	85.6	85.8	91.3	92.6	93.4	93.8	93.8	94.6	94.6	94.6	94.6	94.9	95.1	95.1
≥ 400		81.9	86.0	86.3	92.1	93.3	94.2	94.9	94.9	95.7	95.7	95.7	95.7	96.0	96.2	96.3
≥ 300		82.1	86.2	86.7	92.4	93.7	94.9	95.8	95.8	96.6	96.6	96.6	96.6	97.1	97.4	97.6
≥ 200		82.1	86.2	86.7	92.6	93.9	95.4	96.6	96.6	97.8	98.0	98.0	98.0	98.9	99.1	99.9
≥ 100		82.1	86.2	86.7	92.6	93.9	95.4	96.6	96.6	97.8	98.0	98.0	98.0	98.9	99.1	99.9
≥ 0		82.1	86.2	86.7	92.6	93.9	95.4	96.6	96.6	97.8	98.0	98.0	98.0	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
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STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		41.3	42.7	42.7	45.0	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000		48.9	50.7	50.7	53.3	53.4	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 18000		49.7	51.4	51.4	54.4	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 16000		49.7	51.4	51.4	54.4	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 14000		50.4	52.2	52.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 12000		51.9	53.7	53.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 10000		54.4	56.4	56.4	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 9000		56.1	58.2	58.2	61.8	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 8000		59.6	62.4	62.6	66.2	66.3	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 7000		60.8	64.0	64.1	68.2	68.3	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 6000		61.3	64.6	64.7	68.9	69.0	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 5000		62.3	65.7	65.8	70.2	70.3	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 4500		63.0	66.3	66.4	71.2	71.3	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 4000		65.2	68.6	68.7	73.6	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 3500		66.7	70.2	70.3	75.3	75.6	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 3000		68.2	72.1	72.2	77.4	77.8	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 2500		69.3	73.6	73.7	79.4	80.0	80.4	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 2000		70.7	75.4	75.7	82.2	82.8	83.2	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1800		70.8	75.6	75.8	82.6	83.1	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1500		71.1	76.2	76.6	83.9	84.4	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1200		72.7	78.0	78.3	85.9	86.4	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1000		73.3	78.9	79.3	87.3	87.9	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 900		73.7	79.2	79.7	87.8	88.4	89.3	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 800		74.6	80.2	80.7	88.8	89.4	90.4	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 700		74.9	80.6	81.0	89.3	90.0	91.0	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 600		75.6	81.2	82.0	90.6	91.4	92.6	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 500		76.0	81.7	82.4	91.6	92.6	93.7	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 400		76.2	82.2	83.0	92.6	93.7	95.0	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 300		76.2	82.4	83.2	92.8	94.1	95.7	96.3	96.4	96.8	96.8	96.8	97.0	97.0	97.2	97.3
IV 200		76.3	82.6	83.3	93.1	94.6	96.1	97.0	97.3	97.8	97.9	98.0	98.7	98.7	99.1	99.3
IV 100		76.3	82.6	83.3	93.1	94.6	96.2	97.1	97.6	98.0	98.2	98.3	99.1	99.3	99.8	100.0
IV 0		76.3	82.6	83.3	93.1	94.6	96.2	97.1	97.6	98.0	98.2	98.3	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		37.9	39.8	40.0	43.1	43.4	43.8	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.4	44.4
≥ 20000		45.5	48.0	48.1	52.3	52.8	53.2	53.6	53.6	53.7	53.8	53.8	53.9	53.9	53.9	54.0
IV 18000		46.3	48.8	49.0	53.2	53.6	54.1	54.4	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.9
IV 16000		46.4	48.8	49.0	53.2	53.7	54.1	54.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.9
IV 14000		47.3	49.8	50.0	54.2	54.6	55.1	55.5	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.9
IV 12000		48.8	51.3	51.5	55.8	56.3	56.9	57.2	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.7
IV 10000		51.5	54.3	54.5	59.4	60.0	60.6	61.0	61.0	61.2	61.3	61.3	61.3	61.3	61.4	61.4
IV 9000		52.7	55.5	55.8	60.8	61.5	62.2	62.6	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.1
IV 8000		55.5	58.8	59.1	64.5	65.2	66.0	66.5	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.1
IV 7000		57.3	60.7	61.0	66.6	67.4	68.2	68.7	68.8	69.0	69.2	69.2	69.2	69.2	69.3	69.3
IV 6000		58.3	61.7	62.0	67.7	68.4	69.3	69.8	69.8	70.1	70.3	70.3	70.4	70.4	70.4	70.5
IV 5000		59.1	62.6	62.9	68.7	69.5	70.3	70.8	70.9	71.2	71.3	71.3	71.4	71.4	71.4	71.5
IV 4500		60.3	63.9	64.3	70.2	71.0	71.9	72.4	72.5	72.8	72.9	72.9	73.0	73.0	73.0	73.1
IV 4000		61.9	65.7	66.0	72.1	72.8	73.7	74.2	74.3	74.6	74.8	74.8	74.9	74.9	74.9	75.0
IV 3500		63.2	67.2	67.6	73.8	74.6	75.5	76.0	76.1	76.4	76.6	76.6	76.7	76.7	76.7	76.8
IV 3000		64.7	68.9	69.3	76.0	76.9	77.9	78.5	78.6	78.9	79.1	79.1	79.2	79.2	79.2	79.3
IV 2500		65.7	70.0	70.4	77.4	78.3	79.4	80.0	80.1	80.5	80.7	80.7	80.8	80.8	80.8	80.9
IV 2000		67.1	71.8	72.3	79.9	80.8	81.8	82.5	82.6	83.0	83.2	83.2	83.3	83.3	83.4	83.4
IV 1800		67.4	72.2	72.7	80.3	81.2	82.3	82.9	83.1	83.5	83.7	83.7	83.8	83.8	83.9	83.9
IV 1500		68.5	73.6	74.1	82.1	83.0	84.2	84.9	85.0	85.5	85.6	85.7	85.8	85.8	85.8	85.9
IV 1200		70.0	75.3	75.9	83.9	84.8	86.0	86.7	86.9	87.3	87.5	87.5	87.6	87.6	87.7	87.8
IV 1000		70.9	76.3	76.9	85.2	86.2	87.5	88.3	88.4	88.9	89.1	89.1	89.2	89.2	89.2	89.3
IV 900		71.4	77.0	77.6	86.0	87.1	88.4	89.2	89.3	89.9	90.1	90.1	90.2	90.2	90.2	90.3
IV 800		72.0	77.7	78.4	87.0	88.0	89.5	90.3	90.5	91.0	91.2	91.3	91.3	91.4	91.4	91.5
IV 700		72.5	78.3	79.0	87.8	88.8	90.3	91.2	91.4	91.9	92.2	92.2	92.3	92.3	92.4	92.4
IV 600		72.8	78.7	79.5	88.6	89.8	91.4	92.3	92.5	93.1	93.3	93.4	93.5	93.5	93.6	93.7
IV 500		73.2	79.4	80.2	89.9	91.3	93.1	94.2	94.4	95.1	95.3	95.4	95.5	95.5	95.6	95.7
IV 400		73.5	79.8	80.6	90.7	92.2	94.0	95.3	95.5	96.2	96.5	96.6	96.7	96.7	96.8	96.9
IV 300		73.6	80.0	80.9	91.1	92.6	94.8	96.1	96.4	97.2	97.5	97.6	97.8	97.9	98.1	98.2
IV 200		73.7	80.0	80.9	91.2	92.8	95.1	96.6	97.0	97.8	98.3	98.4	98.9	99.1	99.4	99.7
IV 100		73.7	80.0	80.9	91.2	92.8	95.1	96.6	97.0	97.9	98.4	98.5	99.1	99.3	99.6	100.0
IV 0		73.7	80.0	80.9	91.2	92.8	95.1	96.6	97.0	97.9	98.4	98.5	99.1	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

68-70,73-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		35.5	37.2	37.4	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.9	38.9
≥ 20000		40.6	43.0	43.2	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.7	45.7
≥ 16000		40.8	43.1	43.3	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.8
≥ 14000		40.9	43.3	43.5	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.0	46.0
≥ 12000		42.6	45.1	45.3	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.7	47.7
≥ 10000		45.2	47.7	48.0	50.6	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.9	50.9
≥ 9000		46.2	48.8	49.0	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9
≥ 8000		51.7	55.1	55.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 7000		53.7	57.0	57.2	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5
≥ 6000		54.1	57.4	57.6	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 5000		55.5	58.9	59.1	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7
≥ 4500		57.6	61.5	61.7	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6
≥ 4000		60.8	65.3	65.5	69.6	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 3500		62.2	66.7	66.9	71.4	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2
≥ 3000		65.4	69.9	70.2	74.7	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6
≥ 2500		67.6	72.3	72.8	77.6	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 2000		71.1	75.9	76.7	82.3	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 1800		72.2	77.1	77.8	83.5	83.9	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 1500		73.2	78.6	79.5	85.9	86.3	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 1200		74.3	79.9	80.8	87.3	87.7	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 1000		75.7	81.5	82.4	89.6	90.1	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 900		76.1	82.2	83.0	90.3	90.9	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
≥ 800		76.6	82.6	83.4	90.8	91.3	92.4	92.6	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 700		76.9	83.2	84.1	91.5	92.0	93.1	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 600		76.9	83.4	84.3	91.8	92.4	93.8	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 500		77.4	84.0	84.9	93.1	93.7	95.1	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 400		78.0	84.5	85.5	93.9	94.4	96.0	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 300		78.1	84.6	85.6	94.0	94.6	96.3	97.4	97.6	98.1	98.1	98.3	98.5	98.5	98.6	98.6
≥ 200		78.1	84.6	85.6	94.0	94.6	96.9	98.2	98.5	99.0	99.1	99.5	99.9	99.9	100.0	100.0
≥ 100		78.1	84.6	85.6	94.0	94.6	96.9	98.2	98.5	99.0	99.1	99.5	99.9	99.9	100.0	100.0
≥ 0		78.1	84.6	85.6	94.0	94.6	96.9	98.2	98.5	99.0	99.1	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		28.5	30.1	30.1	33.9	34.5	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000		32.7	35.2	35.2	39.6	40.5	41.3	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 18000		32.8	35.3	35.3	39.7	40.6	41.4	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 16000		32.8	35.3	35.3	39.7	40.6	41.4	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 14000		32.9	35.4	35.4	39.8	40.8	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7
IV 12000		34.1	36.6	36.7	41.1	42.0	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 10000		37.4	40.1	40.2	44.7	45.9	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 9000		38.2	41.2	41.3	45.8	47.0	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 8000		42.5	45.8	45.9	51.2	52.4	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 7000		44.6	48.0	48.2	53.4	54.6	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 6000		45.7	49.6	49.8	55.1	56.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 5000		46.5	50.3	50.5	56.0	57.3	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 4500		50.0	54.2	54.4	60.2	61.5	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 4000		52.6	57.0	57.2	63.4	64.7	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 3500		54.1	58.6	58.9	65.2	66.6	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 3000		56.9	61.6	61.9	68.5	69.9	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 2500		59.8	64.6	65.2	71.9	73.3	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 2000		64.3	69.7	70.3	77.6	79.0	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 1800		64.9	70.3	71.0	78.6	80.1	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 1500		67.3	72.9	73.8	82.4	83.9	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1200		68.6	74.6	75.5	84.5	86.0	86.8	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1000		69.8	76.1	77.2	86.9	88.4	89.2	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 900		70.2	76.6	77.7	87.5	89.1	90.0	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 800		70.3	76.8	78.0	88.6	90.2	91.1	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 700		70.6	77.3	78.7	89.5	91.2	92.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 600		71.2	77.8	79.2	90.2	92.0	93.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 500		71.7	78.5	80.0	91.4	93.2	94.2	95.8	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.3
IV 400		72.2	78.9	80.4	92.4	94.7	95.7	97.3	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.0
IV 300		72.3	79.1	80.8	92.9	95.4	96.8	98.4	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.0
IV 200		72.3	79.1	80.8	92.9	95.4	96.8	98.7	98.8	99.1	99.2	99.4	99.8	99.8	99.8	99.8
IV 100		72.3	79.1	80.8	92.9	95.4	96.8	98.7	98.8	99.1	99.2	99.4	99.8	99.9	100.0	100.0
IV 0		72.3	79.1	80.8	92.9	95.4	96.8	98.7	98.8	99.1	99.2	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		20.6	23.5	24.0	27.6	28.0	28.6	29.1	29.4	29.7	30.2	30.2	30.3	30.3	30.4	30.4
≥ 20000		23.3	26.6	27.0	31.8	32.5	33.7	34.3	34.6	35.1	35.6	35.6	35.7	35.7	35.8	35.8
IV 18000		23.4	26.7	27.1	32.0	32.7	34.0	34.6	34.9	35.6	36.1	36.1	36.2	36.2	36.3	36.3
IV 16000		23.4	26.7	27.1	32.0	32.7	34.0	34.6	34.9	35.6	36.1	36.1	36.2	36.2	36.3	36.3
IV 14000		23.4	26.7	27.1	32.0	32.7	34.0	34.6	34.9	35.6	36.1	36.1	36.2	36.2	36.3	36.3
IV 12000		25.8	29.1	29.7	34.8	35.5	37.0	37.6	38.0	38.6	39.1	39.1	39.2	39.2	39.4	39.4
IV 10000		28.2	31.9	32.5	38.2	38.9	40.6	41.3	41.6	42.3	42.8	42.8	42.9	42.9	43.0	43.0
IV 9000		28.2	32.6	33.1	30.9	39.7	41.7	42.4	42.7	43.3	43.9	43.9	44.0	44.0	44.1	44.1
IV 8000		34.6	38.8	39.4	45.7	46.6	48.6	49.4	49.7	50.3	50.9	50.9	51.0	51.0	51.1	51.1
IV 7000		36.7	41.0	41.5	48.0	48.8	50.9	51.6	51.9	52.6	53.1	53.1	53.2	53.2	53.3	53.3
IV 6000		38.0	42.4	42.9	49.5	50.3	52.5	53.2	53.5	54.3	54.8	54.8	54.9	54.9	55.1	55.1
IV 5000		39.5	44.4	44.9	51.6	52.5	54.7	55.5	55.8	56.6	57.1	57.1	57.2	57.2	57.3	57.3
IV 4500		42.9	47.7	48.3	55.4	56.2	58.5	59.4	59.7	60.4	61.0	61.0	61.1	61.1	61.2	61.2
IV 4000		44.2	49.1	49.8	57.4	58.3	60.8	61.6	61.9	62.7	63.2	63.2	63.3	63.3	63.4	63.4
IV 3500		45.2	50.2	50.9	58.5	59.6	62.0	62.9	63.2	64.0	64.5	64.5	64.6	64.6	64.7	64.7
IV 3000		48.0	53.1	53.8	62.3	63.3	66.0	66.9	67.2	68.0	68.5	68.5	68.6	68.6	68.7	68.7
IV 2500		51.5	57.0	57.6	66.5	67.6	70.5	71.4	71.8	72.6	73.1	73.1	73.2	73.2	73.3	73.3
IV 2000		55.3	60.9	61.6	71.0	72.3	75.6	76.5	76.9	77.6	78.2	78.2	78.3	78.3	78.4	78.4
IV 1800		55.8	61.5	62.5	71.8	73.1	76.6	77.5	78.0	78.8	79.4	79.4	79.5	79.5	79.6	79.6
IV 1500		58.4	64.3	65.3	75.6	76.9	80.3	81.4	81.8	82.7	83.2	83.2	83.3	83.3	83.4	83.4
IV 1200		60.1	66.3	67.5	78.3	79.7	83.1	84.2	84.6	85.5	86.0	86.0	86.1	86.1	86.2	86.2
IV 1000		61.3	67.6	68.8	80.3	81.8	85.3	86.3	86.8	87.6	88.2	88.2	88.3	88.3	88.4	88.4
IV 900		62.0	68.4	69.6	81.3	82.9	86.3	87.4	87.8	88.7	89.2	89.2	89.4	89.4	89.5	89.5
IV 800		62.3	68.6	69.9	81.8	83.8	87.7	88.8	89.2	90.1	90.6	90.6	90.8	90.8	90.9	90.9
IV 700		62.9	69.4	70.6	83.1	85.1	89.1	90.6	91.1	91.9	92.5	92.5	92.6	92.6	92.7	92.7
IV 600		63.4	70.1	71.4	84.1	86.0	90.1	91.6	92.0	92.9	93.5	93.5	93.7	93.7	93.8	93.8
IV 500		64.0	70.6	72.2	85.5	87.4	91.6	93.3	94.1	95.1	95.9	95.9	96.1	96.2	96.3	96.3
IV 400		64.6	71.4	72.9	86.7	88.6	93.1	94.9	95.9	97.1	98.0	98.0	98.2	98.4	98.5	98.5
IV 300		64.6	71.5	73.0	86.8	88.8	93.3	95.2	96.1	97.4	98.4	98.4	98.7	98.9	99.0	99.0
IV 200		64.6	71.5	73.0	86.8	88.8	93.3	95.3	96.5	97.7	98.7	98.7	99.0	99.2	99.4	99.4
IV 100		64.6	71.5	73.0	86.8	88.8	93.3	95.3	96.5	97.7	98.8	98.8	99.1	99.4	99.7	100.0
IV 0		64.6	71.5	73.0	86.8	88.8	93.3	95.3	96.5	97.7	98.8	98.8	99.1	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		31.2	33.9	33.9	36.2	36.3	36.3	36.3	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000		35.2	38.6	38.6	42.2	42.4	42.4	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6
IV 18000		35.5	38.9	38.9	42.7	43.0	43.0	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
IV 16000		35.5	38.9	38.9	42.7	43.0	43.0	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
IV 14000		36.0	39.5	39.5	43.2	43.5	43.5	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9
IV 12000		38.1	41.5	41.6	45.6	45.9	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2
IV 10000		41.6	45.3	45.4	49.9	50.3	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6
IV 9000		42.8	46.6	46.7	51.7	52.3	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
IV 8000		48.7	52.9	53.0	58.3	58.8	59.0	59.1	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6
IV 7000		52.3	56.5	56.6	62.3	62.8	63.0	63.1	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5
IV 6000		52.8	57.0	57.1	63.1	63.7	63.9	64.0	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5
IV 5000		55.3	59.7	59.8	66.0	66.7	66.9	67.0	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5
IV 4500		56.5	61.4	61.5	68.0	68.6	68.8	68.9	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5
IV 4000		58.3	63.3	63.4	70.4	71.1	71.4	71.5	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0
IV 3500		59.6	64.6	64.7	72.0	72.7	73.0	73.1	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7
IV 3000		62.2	67.5	67.7	75.6	76.3	76.7	76.8	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3
IV 2500		64.8	70.4	70.8	78.8	79.6	79.9	80.1	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6
IV 2000		68.2	73.9	74.3	83.1	83.9	84.3	84.5	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2
IV 1800		69.2	74.9	75.4	84.2	84.9	85.4	85.6	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2
IV 1500		71.3	77.2	77.6	86.9	87.6	88.2	88.5	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1
IV 1200		72.7	78.6	79.0	88.5	89.2	89.8	90.2	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9
IV 1000		73.9	80.1	80.5	90.3	91.2	92.0	92.5	92.7	93.0	93.2	93.2	93.3	93.3	93.3	93.3
IV 900		74.0	80.5	81.0	91.0	91.8	92.7	93.1	93.3	93.7	93.9	93.9	94.0	94.0	94.0	94.0
IV 800		74.7	81.3	81.7	91.8	92.8	93.8	94.2	94.4	94.7	94.9	94.9	95.1	95.1	95.1	95.1
IV 700		74.9	81.5	81.9	92.3	93.3	94.5	94.9	95.2	95.8	96.0	96.0	96.1	96.1	96.1	96.1
IV 600		75.1	81.7	82.2	92.8	94.1	95.4	95.9	96.1	96.8	97.0	97.0	97.1	97.1	97.1	97.1
IV 500		75.5	82.5	82.9	93.8	95.2	96.6	97.1	97.3	98.1	98.3	98.3	98.5	98.5	98.5	98.5
IV 400		75.5	82.5	82.9	93.9	95.5	96.9	97.4	97.6	98.4	98.6	98.6	98.8	98.8	98.8	98.8
IV 300		75.5	82.6	83.0	94.0	95.6	97.0	97.6	97.8	98.6	98.8	98.8	99.0	99.0	99.0	99.0
IV 200		75.5	82.6	83.1	94.1	95.7	97.2	98.1	98.4	99.2	99.6	99.6	100.0	100.0	100.0	100.0
IV 100		75.5	82.6	83.1	94.1	95.7	97.2	98.1	98.4	99.2	99.6	99.6	100.0	100.0	100.0	100.0
IV 0		75.5	82.6	83.1	94.1	95.7	97.2	98.1	98.4	99.2	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		40.3	41.4	41.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000		47.8	49.6	49.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 18000		48.2	49.9	49.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 16000		48.4	50.1	50.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 14000		49.2	51.0	51.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 12000		51.3	53.0	53.0	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 10000		55.1	57.5	57.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 9000		56.8	59.4	59.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 8000		62.5	65.9	65.9	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 7000		65.8	69.5	69.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 6000		66.6	70.2	70.2	73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 5000		68.6	72.3	72.3	75.9	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4500		70.0	73.8	73.8	77.6	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4000		72.6	76.5	76.5	80.5	81.0	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3500		74.1	78.1	78.1	82.2	82.6	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 3000		76.5	80.5	80.5	85.1	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500		78.9	83.1	83.1	87.7	88.2	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 2000		80.9	85.1	85.1	90.1	90.8	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800		81.3	85.6	85.6	90.8	91.4	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1500		83.9	88.3	88.3	93.9	94.5	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200		84.3	88.7	88.7	94.5	95.2	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000		84.8	89.2	89.2	95.4	96.0	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900		84.9	89.4	89.4	95.6	96.2	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800		85.3	89.7	89.7	95.9	96.6	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700		85.3	89.7	89.7	96.2	96.9	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600		85.4	89.8	90.0	96.7	97.3	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500		85.4	89.8	90.0	96.8	97.5	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400		85.5	90.0	90.2	97.1	97.8	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5
IV 300		85.5	90.0	90.2	97.1	97.8	98.6	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.8	99.8
IV 200		85.5	90.0	90.2	97.2	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0
IV 100		85.5	90.0	90.2	97.2	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0
IV 0		85.5	90.0	90.2	97.2	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		42.5	43.7	43.7	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 18000		53.9	55.9	55.9	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 16000		54.0	56.0	56.0	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 14000		54.6	56.8	56.8	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 12000		57.4	59.6	59.6	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 10000		62.6	64.9	64.9	66.1	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 9000		63.9	66.3	66.3	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 8000		68.6	71.4	71.4	73.2	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 7000		72.7	75.5	75.5	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 6000		73.1	75.9	75.9	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 5000		74.5	77.3	77.3	79.5	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4500		75.1	78.0	78.0	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 4000		77.3	80.2	80.2	82.6	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 3500		80.0	82.9	82.9	85.4	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000		82.4	85.5	85.5	88.5	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2500		84.4	87.6	87.6	90.8	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2000		85.7	89.0	89.1	92.5	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800		86.2	89.6	89.7	93.0	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500		87.0	90.5	90.6	94.2	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200		87.4	91.0	91.1	95.1	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000		87.7	91.3	91.4	95.8	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900		88.0	91.5	91.6	96.0	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800		88.0	91.6	91.7	96.3	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700		88.0	91.7	91.8	96.6	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600		88.0	91.7	91.9	96.8	97.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 500		88.2	92.0	92.3	97.2	97.8	98.4	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9
IV 400		88.3	92.2	92.4	97.4	98.1	98.6	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 300		88.5	92.4	92.6	97.8	98.5	99.0	99.2	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8
IV 200		88.5	92.4	92.6	98.0	98.6	99.1	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
IV 100		88.5	92.4	92.6	98.0	98.6	99.1	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
IV 0		88.5	92.4	92.6	98.0	98.6	99.1	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		39.5	40.4	40.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000		49.8	51.1	51.1	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 18000		50.3	51.6	51.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 16000		50.5	51.8	51.8	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 14000		51.3	52.6	52.6	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 12000		53.9	55.4	55.4	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 10000		59.6	61.4	61.4	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 9000		60.6	62.5	62.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 8000		66.5	68.7	68.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9
IV 7000		70.0	72.3	72.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6
IV 6000		71.2	73.4	73.4	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9
IV 5000		72.4	74.6	74.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
IV 4500		74.1	76.3	76.3	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
IV 4000		76.6	78.9	78.9	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
IV 3500		77.7	80.2	80.2	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3
IV 3000		80.3	83.0	83.0	86.9	87.0	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4
IV 2500		81.0	83.7	83.7	88.0	88.1	88.4	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6
IV 2000		83.1	85.9	85.9	90.4	90.6	91.2	91.2	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5
IV 1800		83.1	85.9	85.9	90.5	90.9	91.4	91.4	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7
IV 1500		83.7	86.6	86.6	91.3	91.7	92.3	92.3	92.3	92.3	92.5	92.6	92.7	92.7	92.7	92.7
IV 1200		85.1	88.0	88.0	93.0	93.4	94.0	94.0	94.0	94.0	94.2	94.3	94.4	94.4	94.4	94.4
IV 1000		85.7	88.6	88.6	93.7	94.2	94.9	95.1	95.1	95.1	95.3	95.4	95.5	95.5	95.5	95.5
IV 900		85.8	88.8	88.8	94.1	94.6	95.4	95.5	95.5	95.5	95.7	95.8	95.9	95.9	95.9	95.9
IV 800		85.9	88.9	88.9	94.2	94.7	95.5	95.6	95.6	95.6	95.8	95.9	96.0	96.0	96.0	96.0
IV 700		86.0	89.0	89.0	94.3	94.8	95.6	95.7	95.7	95.7	95.9	96.0	96.1	96.1	96.1	96.1
IV 600		86.3	89.5	89.5	94.7	95.3	96.0	96.2	96.2	96.3	96.6	96.7	96.8	96.8	96.8	96.8
IV 500		86.6	89.9	89.9	95.6	96.1	97.0	97.2	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.7
IV 400		86.7	90.1	90.1	96.3	96.9	98.2	98.4	98.4	98.5	98.7	98.8	98.9	98.9	98.9	98.9
IV 300		86.7	90.1	90.1	96.3	96.9	98.2	98.4	98.4	98.5	98.7	98.8	98.9	98.9	98.9	98.9
IV 200		86.8	90.3	90.3	96.6	97.1	98.4	98.6	98.6	98.8	99.1	99.2	99.6	99.6	99.6	99.6
IV 100		86.8	90.3	90.3	96.6	97.1	98.4	98.6	98.6	98.8	99.2	99.4	99.7	99.8	99.9	100.0
IV 0		86.8	90.3	90.3	96.6	97.1	98.4	98.6	98.6	98.8	99.2	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		39.1	41.4	41.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000		45.7	48.5	48.6	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 18000		45.8	48.6	48.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000		46.1	48.9	49.0	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 14000		46.5	49.2	49.4	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 12000		48.7	51.7	51.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 10000		52.3	55.3	55.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 9000		54.1	57.2	57.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 8000		58.9	62.9	63.0	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000		61.6	65.8	65.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000		62.8	67.0	67.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000		65.4	69.8	69.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500		67.5	71.9	72.0	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4000		70.0	74.6	74.7	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500		71.0	75.6	75.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000		73.9	78.5	78.7	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500		74.7	79.4	79.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000		77.6	82.6	82.9	87.7	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800		78.2	83.1	83.4	88.3	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500		79.1	84.1	84.4	89.6	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200		80.1	85.3	85.6	90.9	91.1	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000		81.6	86.8	87.1	92.7	92.9	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900		81.8	87.1	87.4	93.2	93.4	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800		82.4	87.6	88.0	93.9	94.1	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700		82.5	87.8	88.2	94.2	94.5	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600		82.7	88.1	88.4	94.5	94.9	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500		83.3	89.0	89.4	95.6	96.0	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400		83.4	89.1	89.5	95.8	96.2	97.0	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300		83.5	89.2	89.6	95.9	96.6	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200		83.5	89.2	89.6	95.9	96.6	97.5	98.4	98.6	99.1	99.4	99.4	99.6	99.6	99.6	99.6
≥ 100		83.5	89.2	89.6	95.9	96.6	97.5	98.4	98.6	99.2	99.6	99.6	99.8	99.8	99.8	99.9
≥ 0		83.7	89.4	89.7	96.0	96.7	97.6	98.5	98.7	99.4	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS, 1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		34.7	36.5	36.5	38.4	38.6	38.8	38.8	38.9	38.9	39.0	39.0	39.0	39.0	39.1	39.1
≥ 20000		41.1	43.5	43.6	46.2	46.5	46.7	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.1	47.1
IV 18000		41.3	43.8	43.8	46.6	46.8	47.1	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.5	47.5
IV 16000		41.4	43.9	44.0	46.7	46.9	47.2	47.3	47.4	47.5	47.5	47.5	47.5	47.6	47.6	47.6
IV 14000		41.9	44.3	44.4	47.1	47.4	47.6	47.7	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0
IV 12000		44.0	46.5	46.6	49.4	49.7	50.0	50.1	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4
IV 10000		47.7	50.5	50.7	53.9	54.2	54.5	54.6	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9
IV 9000		48.9	51.8	51.9	55.3	55.6	56.0	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4
IV 8000		54.2	57.7	57.8	61.7	62.1	62.5	62.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9
IV 7000		57.2	60.7	60.8	64.8	65.2	65.6	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0
IV 6000		58.0	61.6	61.8	65.8	66.2	66.7	66.8	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2
IV 5000		59.7	63.4	63.6	67.8	68.3	68.7	68.8	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2
IV 4500		61.7	65.6	65.8	70.2	70.7	71.1	71.3	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7
IV 4000		64.0	68.1	68.3	73.1	73.6	74.1	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.7	74.7
IV 3500		65.5	69.6	69.8	74.8	75.3	75.9	76.0	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4
IV 3000		68.2	72.5	72.7	78.1	78.7	79.1	79.4	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8
IV 2500		70.3	74.8	75.1	80.7	81.3	81.9	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.5	82.5
IV 2000		73.3	77.9	78.3	84.3	85.0	85.7	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4
IV 1800		73.9	78.5	78.9	85.1	85.8	86.5	86.8	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2
IV 1500		75.5	80.3	80.8	87.5	88.2	89.0	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8
IV 1200		76.6	81.5	82.0	89.0	89.7	90.7	91.0	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5
IV 1000		77.6	82.7	83.2	90.6	91.4	92.4	92.8	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3
IV 900		77.9	83.1	83.6	91.1	91.9	93.0	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9
IV 800		78.2	83.4	83.9	91.7	92.5	93.7	94.1	94.2	94.4	94.6	94.6	94.6	94.6	94.7	94.7
IV 700		78.4	83.7	84.3	92.2	93.1	94.3	94.9	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4
IV 600		78.6	84.0	84.6	92.7	93.7	94.9	95.6	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2
IV 500		79.0	84.5	85.2	93.6	94.6	95.9	96.6	96.8	97.2	97.3	97.4	97.4	97.5	97.5	97.5
IV 400		79.3	84.8	85.5	94.2	95.3	96.8	97.5	97.7	98.1	98.3	98.3	98.4	98.5	98.5	98.5
IV 300		79.3	84.9	85.6	94.4	95.5	97.1	97.9	98.1	98.5	98.8	98.8	99.0	99.0	99.0	99.0
IV 200		79.3	85.0	85.6	94.4	95.6	97.2	98.2	98.5	99.0	99.3	99.4	99.7	99.7	99.8	99.8
IV 100		79.3	85.0	85.6	94.4	95.6	97.2	98.2	98.5	99.0	99.4	99.5	99.8	99.8	99.9	100.0
IV 0		79.4	85.0	85.7	94.4	95.6	97.3	98.2	98.5	99.1	99.4	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

G000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING		49.5	52.0	52.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000		54.9	58.3	59.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 18000		54.9	58.3	59.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 16000		54.9	58.3	59.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 14000		55.1	58.4	59.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 12000		56.7	60.3	61.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 10000		59.1	62.9	63.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 9000		59.2	63.0	63.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 8000		64.8	68.9	69.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 7000		67.3	71.4	72.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 6000		68.2	72.3	73.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000		69.1	73.2	74.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 4500		72.5	76.7	77.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000		75.3	79.8	80.6	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 3500		78.2	82.7	83.5	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000		81.1	85.8	86.7	89.1	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500		82.8	87.6	88.5	91.1	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000		84.2	89.2	90.3	93.2	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
IV 1800		84.8	89.9	91.0	94.1	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
IV 1500		85.3	90.4	91.5	94.7	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
IV 1200		86.1	91.3	92.4	95.6	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
IV 1000		86.1	91.4	92.5	96.0	96.7	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
IV 900		86.5	91.7	92.8	96.5	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
IV 800		86.8	92.2	93.2	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
IV 700		86.8	92.2	93.3	97.3	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
IV 600		87.3	92.7	93.9	98.1	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV 500		87.7	93.2	94.4	98.6	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 400		87.7	93.2	94.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300		87.7	93.2	94.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200		87.7	93.2	94.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100		87.7	93.2	94.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0		87.7	93.2	94.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		42.0	46.6	46.7	50.2	50.5	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 20000		46.7	51.6	51.8	56.3	56.7	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000		47.0	51.9	52.2	56.7	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 16000		47.0	51.9	52.2	56.7	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 14000		47.0	51.9	52.2	56.7	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 12000		48.8	54.3	54.5	59.0	59.4	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 10000		52.0	58.0	58.2	63.0	63.4	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 9000		52.6	58.6	58.8	63.8	64.2	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 8000		58.1	64.6	64.8	70.0	70.5	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 7000		60.6	67.3	67.5	72.8	73.3	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 6000		61.1	67.7	68.0	73.2	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 5000		63.1	69.9	70.1	75.4	75.9	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 4500		65.2	71.9	72.2	77.5	78.1	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000		66.5	73.2	73.4	79.4	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3500		68.6	75.4	75.6	81.6	82.3	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 3000		72.6	79.4	79.6	85.7	86.3	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 2500		74.7	81.5	81.7	87.8	88.7	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2000		76.6	83.8	84.0	91.1	92.0	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800		76.9	84.1	84.3	91.4	92.4	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500		78.5	86.0	86.2	93.4	94.4	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1200		79.2	87.0	87.2	94.7	95.8	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000		79.4	87.1	87.3	94.9	96.2	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900		79.5	87.2	87.4	95.1	96.3	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800		79.9	87.6	88.1	95.7	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700		80.0	87.8	88.3	95.9	97.2	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600		80.5	88.4	88.8	96.8	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500		80.6	88.5	89.0	97.2	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400		80.6	88.5	89.0	97.3	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300		80.6	88.5	89.0	97.3	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200		80.6	88.5	89.0	97.3	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100		80.6	88.5	89.0	97.3	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0		80.6	88.5	89.0	97.3	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		30.2	34.9	35.6	39.7	40.6	41.4	42.2	42.3	42.8	42.9	42.9	43.1	43.1	43.1	43.4
≥ 20000		33.8	38.8	39.5	44.1	45.1	45.8	46.7	46.8	47.3	47.4	47.4	47.6	47.6	47.6	48.1
IV 18000		33.9	38.9	39.6	44.2	45.2	45.9	46.8	46.9	47.4	47.5	47.5	47.7	47.7	47.7	48.2
IV 16000		34.0	39.0	39.7	44.3	45.3	46.0	46.9	47.0	47.5	47.6	47.6	47.8	47.8	47.8	48.3
IV 14000		34.4	39.6	40.4	45.1	46.1	46.9	47.7	47.8	48.4	48.5	48.5	48.7	48.7	48.7	49.1
IV 12000		36.3	41.6	42.6	47.8	48.9	49.7	50.5	50.6	51.2	51.3	51.3	51.5	51.5	51.5	51.9
IV 10000		40.5	46.6	47.5	53.1	54.2	54.9	56.0	56.1	56.7	56.8	56.8	57.0	57.0	57.0	57.4
IV 9000		41.9	48.4	49.5	55.2	56.2	57.0	58.1	58.2	58.7	58.8	58.8	59.0	59.0	59.0	59.5
IV 8000		47.3	54.1	55.3	61.4	62.5	63.2	64.4	64.5	65.2	65.3	65.3	65.5	65.5	65.5	66.0
IV 7000		50.4	57.2	58.4	64.7	65.8	66.6	67.7	67.8	68.5	68.6	68.6	68.8	68.8	68.9	69.4
IV 6000		51.3	58.1	59.4	65.7	66.9	67.6	68.9	69.0	69.7	69.8	69.8	70.0	70.0	70.1	70.5
IV 5000		52.9	59.8	61.1	67.5	68.8	69.6	70.9	71.0	71.6	71.7	71.7	71.9	71.9	72.0	72.5
IV 4500		53.9	60.8	62.0	68.7	70.0	70.9	72.2	72.4	73.0	73.1	73.1	73.3	73.3	73.4	73.9
IV 4000		55.1	61.9	63.2	70.5	71.8	72.7	74.0	74.2	74.8	74.9	74.9	75.2	75.2	75.3	75.7
IV 3500		57.5	64.5	65.8	73.1	74.4	75.4	76.7	76.9	77.5	77.6	77.6	77.8	77.8	78.0	78.4
IV 3000		61.3	68.7	70.2	77.8	79.4	80.3	81.7	81.9	82.6	82.7	82.7	82.9	82.9	83.0	83.4
IV 2500		64.0	71.6	73.1	81.0	82.5	83.5	84.9	85.2	85.8	85.9	85.9	86.1	86.1	86.2	86.7
IV 2000		67.3	75.3	76.8	84.9	86.6	88.0	89.4	89.6	90.2	90.4	90.5	90.8	90.8	90.9	91.3
IV 1800		68.1	76.0	77.5	85.7	87.3	88.7	90.1	90.3	91.0	91.2	91.3	91.5	91.5	91.6	92.0
IV 1500		69.4	77.4	78.9	87.5	89.1	90.5	92.0	92.3	92.9	93.1	93.2	93.4	93.4	93.5	94.0
IV 1200		70.0	78.2	79.7	88.4	90.2	91.8	93.4	93.8	94.4	94.6	94.7	95.1	95.1	95.2	95.6
IV 1000		70.3	78.5	80.0	88.9	90.8	92.6	94.2	94.5	95.3	95.5	95.6	95.9	95.9	96.0	96.5
IV 900		70.4	78.6	80.1	89.0	90.9	92.7	94.3	94.6	95.4	95.6	95.7	96.0	96.0	96.1	96.7
IV 800		70.4	78.6	80.1	89.2	91.1	93.0	94.6	94.9	95.7	95.9	96.0	96.3	96.3	96.5	97.0
IV 700		70.5	78.8	80.3	89.5	91.3	93.2	94.8	95.2	95.9	96.1	96.2	96.6	96.6	96.7	97.2
IV 600		70.8	79.0	80.5	89.8	91.7	93.8	95.4	95.7	96.5	96.7	96.8	97.1	97.1	97.2	97.7
IV 500		71.0	79.5	81.0	90.6	92.6	94.6	96.3	96.8	97.5	97.7	97.8	98.2	98.2	98.3	98.8
IV 400		71.0	79.5	81.0	90.6	92.6	94.6	96.3	96.8	97.5	97.7	97.8	98.3	98.3	98.4	99.0
IV 300		71.0	79.5	81.0	90.6	92.7	94.8	96.6	97.0	97.7	98.0	98.1	98.5	98.5	98.7	99.5
IV 200		71.0	79.5	81.0	90.6	92.7	94.8	96.6	97.0	97.7	98.0	98.1	98.6	98.6	98.9	99.9
IV 100		71.0	79.5	81.0	90.6	92.7	94.8	96.6	97.0	97.7	98.0	98.1	98.6	98.6	98.9	100.0
IV 0		71.0	79.5	81.0	90.6	92.7	94.8	96.6	97.0	97.7	98.0	98.1	98.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		40.5	43.3	43.8	47.1	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000		48.7	51.8	52.3	55.9	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 18000		49.0	52.2	52.6	56.2	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 16000		49.1	52.3	52.7	56.3	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 14000		50.8	53.9	54.4	58.1	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 12000		53.8	57.3	58.0	61.7	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 10000		59.1	63.3	64.2	68.4	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 9000		60.1	64.3	65.2	69.4	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 8000		64.4	68.6	69.5	73.9	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 7000		66.3	70.8	71.6	76.0	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000		66.7	71.2	72.0	76.6	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 5000		67.5	72.2	73.0	77.6	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 4500		68.5	73.2	74.1	78.7	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4000		70.2	75.2	76.0	80.8	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3500		73.0	78.0	78.8	83.5	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3000		75.7	80.9	81.8	86.9	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 2500		77.2	82.4	83.3	88.4	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2000		79.4	84.7	85.8	91.2	91.6	91.9	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4
IV 1800		80.5	85.9	87.0	92.4	92.8	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500		81.9	87.5	88.7	94.3	94.7	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200		82.6	88.3	89.5	95.2	95.7	96.0	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000		83.5	89.4	90.5	96.5	97.0	97.3	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
IV 900		83.9	89.7	90.9	96.8	97.3	97.6	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IV 800		84.0	89.9	91.1	97.0	97.5	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
IV 700		84.0	89.9	91.1	97.1	97.6	98.0	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 600		84.1	90.1	91.3	97.3	98.0	98.3	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
IV 500		84.2	90.3	91.5	97.7	98.4	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 400		84.2	90.3	91.5	97.7	98.4	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 300		84.2	90.3	91.5	97.7	98.4	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 200		84.2	90.3	91.5	97.7	98.4	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 100		84.2	90.3	91.5	97.8	98.5	98.8	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
IV 0		84.2	90.3	91.5	97.8	98.5	98.8	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING		51.9	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000		63.5	64.9	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 18000		64.3	65.7	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 16000		64.4	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 14000		66.1	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 12000		69.1	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000		74.3	76.6	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
IV 9000		75.5	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
IV 8000		80.4	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
IV 7000		82.0	84.3	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
IV 6000		82.3	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
IV 5000		82.6	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
IV 4500		83.3	85.8	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
IV 4000		84.4	86.9	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
IV 3500		86.1	88.7	88.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
IV 3000		87.6	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
IV 2500		88.7	91.4	91.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
IV 2000		90.6	93.4	93.4	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 1800		91.4	94.2	94.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
IV 1500		91.7	94.5	94.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
IV 1200		92.9	95.8	95.9	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
IV 1000		93.2	96.1	96.2	98.2	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9
IV 900		93.5	96.5	96.6	98.5	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2
IV 800		93.7	96.6	96.7	98.6	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4
IV 700		93.8	96.8	96.9	98.8	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
IV 600		93.9	96.9	97.0	98.9	99.0	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 500		93.9	96.9	97.0	98.9	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
IV 400		93.9	96.9	97.0	98.9	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
IV 300		94.0	97.0	97.1	99.0	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 200		94.0	97.0	97.1	99.0	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 100		94.0	97.0	97.1	99.0	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 0		94.0	97.0	97.1	99.0	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

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USAFETAC
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STATION NAME

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YEARS

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000		55.5 67.1	56.3 68.5	56.6 68.7	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9	56.8 68.9
IV 18000 IV 16000		68.0 68.0	69.4 69.4	69.6 69.6	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8
IV 14000 IV 12000		68.9 71.9	70.3 73.4	70.5 73.7	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9	70.8 73.9
IV 10000 IV 9000		77.1 77.8	78.7 79.6	78.9 79.8	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0	79.1 80.0
IV 8000 IV 7000		84.1 85.3	85.8 87.0	86.0 87.2	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5	86.2 87.5
IV 6000 IV 5000		85.9 86.7	87.6 88.4	87.8 88.6	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9
IV 4500 IV 4000		87.0 87.3	88.7 89.0	88.9 89.2	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6	89.2 89.6
IV 3500 IV 3000		88.0 91.2	90.6 93.1	90.9 93.3	91.3 93.9	91.3 94.0	91.3 94.1	91.3 94.1	91.3 94.1	91.3 94.1	91.3 94.1	91.3 94.1	91.3 94.1	91.3 94.1	91.3 94.1	91.3 94.1
IV 2500 IV 2000		92.6 93.8	94.5 95.7	94.7 95.9	95.3 96.6	95.4 96.8	95.5 96.9	95.5 96.9	95.5 96.9	95.5 96.9	95.5 97.0	95.5 97.0	95.5 97.0	95.5 97.0	95.5 97.0	95.5 97.0
IV 1800 IV 1500		94.1 94.7	96.0 96.7	96.2 96.9	97.0 97.6	97.3 98.0	97.4 98.2	97.4 98.2	97.4 98.2	97.4 98.2	97.5 98.2	97.5 98.3	97.5 98.3	97.5 98.3	97.5 98.3	97.5 98.3
IV 1200 IV 1000		95.2 95.4	97.2 97.4	97.4 97.7	98.2 98.5	98.5 98.8	98.7 99.4	98.7 99.4	98.7 99.4	98.7 99.4	98.7 99.5	98.8 99.5	98.8 99.5	98.8 99.5	98.8 99.5	98.8 99.5
IV 900 IV 800		95.4 95.6	97.4 97.6	97.7 98.0	98.5 98.7	98.8 99.0	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
IV 700 IV 600		95.6 95.8	97.6 97.8	98.0 98.2	98.7 98.9	99.0 99.4	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.7 100.0	99.7 100.0	99.7 100.0	99.7 100.0	99.7 100.0	99.7 100.0
IV 500 IV 400		95.6 95.8	97.8 97.8	98.2 98.2	98.9 98.9	99.4 99.4	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 IV 200		95.8 95.8	97.8 97.8	98.2 98.2	98.9 98.9	99.4 99.4	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0		95.8 95.3	97.8 97.8	98.2 98.2	98.9 98.9	99.4 99.4	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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CEILING VERSUS VISIBILITY

43219
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STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥½
NO CEILING		52.8	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000		62.6	64.1	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000		62.0	64.3	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000		63.2	64.7	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000		64.6	66.1	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000		67.5	69.0	69.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000		72.5	74.2	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000		72.6	74.5	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000		78.1	79.9	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000		80.5	82.5	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000		80.9	82.8	83.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000		81.8	83.6	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500		82.6	84.5	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000		84.4	86.6	86.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500		87.3	89.5	89.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000		90.4	92.7	93.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500		91.5	94.0	94.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000		92.4	94.8	95.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800		92.6	95.2	95.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500		92.9	95.5	95.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200		93.5	96.1	96.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000		93.8	96.3	96.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		93.8	96.3	96.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		93.8	96.3	96.7	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700		93.8	96.5	96.8	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		94.0	96.7	97.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		94.2	96.9	97.2	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		94.2	96.9	97.2	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.2	96.9	97.2	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.2	96.9	97.2	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.2	96.9	97.2	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.2	96.9	97.2	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		54.9	56.7	56.8	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000		61.5	63.8	64.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000		61.8	64.1	64.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000		62.2	64.4	64.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000		62.2	64.4	64.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000		64.2	66.6	66.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000		67.1	69.5	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000		67.8	70.2	70.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000		72.4	74.7	74.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000		75.5	77.8	78.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 6000		75.9	78.3	78.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000		76.6	79.0	79.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500		78.7	81.4	81.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000		81.2	84.4	84.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500		83.3	86.6	86.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000		86.5	89.8	90.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500		88.3	91.6	91.9	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000		90.0	93.7	94.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		90.2	93.9	94.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500		90.9	94.6	95.1	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200		91.1	95.1	95.5	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000		91.2	95.2	95.6	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900		91.2	95.2	95.6	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800		91.2	95.2	95.6	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700		91.2	95.3	95.7	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		91.5	95.6	96.0	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500		91.8	95.9	96.3	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		91.8	95.9	96.3	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.8	95.9	96.3	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.8	95.9	96.3	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.8	95.9	96.3	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.8	95.9	96.3	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

68-70,73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING		47.2	49.6	49.9	51.6	51.8	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 20000		54.9	57.7	58.1	60.1	60.3	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
IV 18000		55.2	58.1	58.4	60.5	60.7	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2
IV 16000		55.3	58.2	58.6	60.6	60.8	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
IV 14000		56.1	59.0	59.4	61.6	61.8	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3
IV 12000		58.5	61.7	62.1	64.4	64.6	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.1
IV 10000		62.7	66.2	66.7	69.0	69.3	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
IV 9000		63.5	67.0	67.5	69.9	70.1	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
IV 8000		68.7	72.4	72.9	75.5	75.7	75.8	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3
IV 7000		71.0	74.8	75.3	77.9	78.2	78.3	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7
IV 6000		71.5	75.3	75.8	78.5	78.7	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3
IV 5000		72.6	76.4	76.9	79.6	79.9	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5
IV 4500		74.0	77.9	78.4	81.2	81.4	81.6	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.1
IV 4000		75.5	79.6	80.1	83.1	83.4	83.6	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0
IV 3500		77.9	82.0	82.5	85.5	85.8	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
IV 3000		80.8	85.1	85.6	88.8	89.2	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9
IV 2500		82.5	86.8	87.4	90.7	91.1	91.3	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.9
IV 2000		84.3	88.8	89.4	93.1	93.5	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.4	94.4
IV 1800		84.8	89.4	90.0	93.7	94.1	94.5	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
IV 1500		85.7	90.3	91.0	94.8	95.3	95.6	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3
IV 1200		86.3	91.1	91.7	95.7	96.3	96.6	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3
IV 1000		86.6	91.4	92.1	96.2	96.8	97.3	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.0
IV 900		86.8	91.6	92.2	96.3	97.0	97.4	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.2
IV 800		86.9	91.7	92.4	96.6	97.2	97.7	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5
IV 700		86.9	91.9	92.5	96.8	97.4	97.9	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6
IV 600		87.2	92.2	92.8	97.2	97.8	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1
IV 500		87.4	92.4	93.1	97.5	98.2	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6
IV 400		87.4	92.4	93.1	97.6	98.3	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8
IV 300		87.4	92.4	93.1	97.6	98.3	98.9	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9
IV 200		87.4	92.4	93.1	97.6	98.3	98.9	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9
IV 100		87.4	92.4	93.1	97.6	98.3	98.9	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
IV 0		87.4	92.4	93.1	97.6	98.4	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING		51.4	52.8	53.4	55.0	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6
≥ 20000		59.6	61.1	61.8	63.4	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0
≥ 18000		59.7	61.3	62.1	63.8	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3
IV 16000		59.8	61.4	62.2	63.9	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4
≥ 14000		60.2	61.9	62.7	64.3	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9
IV 12000		62.2	64.0	64.8	66.7	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2
IV 10000		66.6	68.4	69.3	71.9	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
IV 9000		68.9	70.8	71.7	74.6	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1
IV 8000		75.3	77.2	78.2	81.2	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
IV 7000		77.2	79.7	80.2	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
IV 6000		78.2	80.2	81.2	84.2	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
IV 5000		78.7	80.7	81.7	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
IV 4500		80.9	82.9	84.0	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6
IV 4000		82.0	84.6	85.7	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
IV 3500		83.1	85.7	86.8	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
IV 3000		85.2	87.9	89.0	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4
IV 2500		86.3	89.0	90.2	94.2	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
IV 2000		86.9	89.6	90.8	94.8	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6
IV 1800		87.0	89.7	91.0	95.1	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
IV 1500		88.0	90.7	92.0	96.6	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IV 1200		88.2	90.9	92.2	97.0	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
IV 1000		88.4	91.1	92.6	97.4	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 900		88.4	91.1	92.6	97.4	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 800		89.0	91.7	93.1	98.0	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
IV 700		89.0	91.7	93.1	98.0	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 600		89.2	91.9	93.3	98.2	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
IV 500		89.2	91.9	93.3	98.2	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
IV 400		89.2	91.9	93.4	98.3	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 300		89.2	91.9	93.4	98.3	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 200		89.2	91.9	93.4	98.3	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 100		89.2	91.9	93.4	98.3	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8
IV 0		89.2	91.9	93.4	98.3	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		47.1	49.3	49.8	54.4	55.1	55.6	55.8	56.0	56.0	56.1	56.1	56.8	56.9	57.6	57.7
≥ 20000		54.1	56.7	57.1	62.3	63.0	63.4	63.7	63.9	63.9	64.0	64.0	64.7	64.8	65.4	65.6
IV 18000		54.1	56.7	57.2	62.4	63.1	63.6	63.8	64.0	64.0	64.1	64.1	64.8	64.9	65.6	65.7
IV 16000		54.1	56.7	57.2	62.4	63.1	63.6	63.8	64.0	64.0	64.1	64.1	64.8	64.9	65.6	65.7
IV 14000		54.7	57.2	57.8	63.0	63.7	64.1	64.3	64.6	64.6	64.7	64.7	65.3	65.4	66.1	66.2
IV 12000		56.8	59.4	60.1	65.4	66.1	66.6	66.8	67.0	67.0	67.1	67.1	67.8	67.9	68.6	68.7
IV 10000		61.1	64.3	64.9	70.4	71.1	71.6	71.8	72.0	72.0	72.1	72.1	72.8	72.9	73.6	73.7
IV 9000		62.2	65.3	66.1	72.1	72.8	73.2	73.4	73.7	73.7	73.8	73.8	74.4	74.6	75.2	75.3
IV 8000		67.2	70.7	71.6	77.9	78.6	79.0	79.2	79.4	79.4	79.6	79.6	80.2	80.3	81.0	81.1
IV 7000		68.4	72.1	73.0	79.6	80.2	80.7	80.7	81.1	81.1	81.2	81.2	81.9	82.0	82.7	82.8
IV 6000		68.9	72.8	73.7	80.2	80.9	81.3	81.6	81.8	81.8	81.9	81.9	82.6	82.7	83.3	83.4
IV 5000		69.3	73.2	74.1	80.7	81.3	81.8	82.0	82.2	82.2	82.3	82.3	83.0	83.1	83.8	83.9
IV 4500		71.2	75.1	76.0	82.7	83.4	83.9	84.1	84.3	84.3	84.4	84.4	85.1	85.2	85.9	86.0
IV 4000		72.6	76.4	77.3	84.2	85.0	85.4	85.7	85.9	85.9	86.0	86.0	86.7	86.8	87.4	87.6
IV 3500		73.7	77.7	78.6	85.6	86.3	86.8	87.0	87.2	87.2	87.3	87.3	88.0	88.1	88.8	88.9
IV 3000		75.7	79.7	80.7	88.1	88.9	89.3	89.6	89.8	89.8	89.9	89.9	90.6	90.7	91.3	91.4
IV 2500		77.2	81.7	82.7	90.1	90.9	91.3	91.6	91.8	91.8	91.9	91.9	92.6	92.7	93.3	93.4
IV 2000		78.4	83.0	84.0	91.9	92.7	93.2	93.4	93.7	93.7	93.8	93.8	94.4	94.6	95.2	95.3
IV 1800		78.6	83.1	84.2	92.1	93.0	93.6	93.8	94.0	94.0	94.1	94.1	94.8	94.9	95.6	95.7
IV 1500		79.3	84.2	85.3	93.6	94.8	95.3	95.6	95.8	95.8	95.9	95.9	96.6	96.7	97.3	97.4
IV 1200		79.7	84.7	85.8	94.1	95.3	95.9	96.1	96.3	96.3	96.4	96.4	97.1	97.2	97.9	98.0
IV 1000		79.8	85.0	86.6	94.9	96.2	96.8	97.0	97.2	97.2	97.3	97.3	98.0	98.1	98.8	98.9
IV 900		79.8	85.0	86.6	94.9	96.3	96.9	97.1	97.3	97.3	97.4	97.4	98.1	98.2	98.9	99.0
IV 800		79.8	85.1	86.7	95.0	96.4	97.0	97.2	97.4	97.4	97.6	97.6	98.2	98.3	99.0	99.1
IV 700		79.8	85.1	86.7	95.0	96.4	97.0	97.2	97.4	97.4	97.6	97.6	98.2	98.3	99.0	99.1
IV 600		79.8	85.1	86.7	95.0	96.4	97.0	97.2	97.4	97.4	97.6	97.6	98.2	98.3	99.0	99.1
IV 500		79.9	85.2	86.8	95.1	96.6	97.1	97.4	97.7	97.7	97.8	97.8	98.4	98.6	99.2	99.3
IV 400		79.9	85.2	87.1	95.4	96.9	97.4	97.8	98.0	98.0	98.1	98.1	98.8	98.9	99.6	99.7
IV 300		79.9	85.2	87.1	95.4	96.9	97.4	97.8	98.0	98.0	98.1	98.1	98.8	98.9	99.6	99.7
IV 200		79.9	85.2	87.1	95.4	96.9	97.4	97.8	98.0	98.0	98.1	98.1	98.8	98.9	99.6	99.7
IV 100		79.9	85.2	87.1	95.4	96.9	97.4	97.8	98.0	98.0	98.1	98.1	98.8	98.9	99.6	99.7
IV 0		79.9	85.2	87.1	95.4	96.9	97.4	97.8	98.0	98.0	98.1	98.1	98.8	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		33.4	36.6	37.6	43.9	45.4	46.6	47.4	47.7	47.9	48.4	48.5	48.7	48.7	49.3	50.4
≥ 20000		37.5	41.3	42.3	49.7	51.3	52.6	53.4	53.7	54.1	54.5	54.6	54.8	54.8	55.6	56.8
IV 18000		37.6	41.4	42.4	49.9	51.5	52.8	53.6	53.9	54.3	54.7	54.8	55.1	55.1	55.8	57.1
IV 16000		37.6	41.4	42.4	49.9	51.5	52.8	53.6	53.9	54.3	54.7	54.8	55.1	55.1	55.8	57.1
IV 14000		38.9	42.7	43.8	51.5	53.1	54.4	55.2	55.5	55.8	56.3	56.4	56.6	56.6	57.4	58.6
IV 12000		41.6	45.5	46.6	54.6	56.2	57.5	58.5	58.8	59.2	59.6	59.7	60.1	60.1	60.8	62.1
IV 10000		47.8	52.4	53.6	63.0	64.5	65.9	66.9	67.3	67.6	68.1	68.4	68.7	68.7	69.5	70.9
IV 9000		48.7	53.5	54.7	64.3	66.0	67.3	68.3	68.7	69.1	69.5	69.9	70.2	70.2	71.0	72.3
IV 8000		54.2	59.7	61.1	71.4	73.1	74.4	75.5	76.0	76.3	76.8	77.1	77.4	77.4	78.3	79.6
IV 7000		55.7	61.5	63.0	73.5	75.2	76.6	77.8	78.2	78.5	79.0	79.3	79.6	79.6	80.5	81.9
IV 6000		56.2	62.0	63.4	74.2	75.9	77.3	78.4	78.9	79.2	79.6	80.0	80.3	80.3	81.2	82.5
IV 5000		57.4	63.2	64.7	75.5	77.2	78.6	79.8	80.2	80.5	81.0	81.3	81.6	81.6	82.5	83.9
IV 4500		58.3	64.3	65.9	76.8	78.4	79.9	81.0	81.4	81.8	82.2	82.5	82.9	82.9	83.8	85.1
IV 4000		59.6	66.0	67.5	78.8	80.4	81.9	83.0	83.4	83.8	84.2	84.5	84.9	84.9	85.9	87.2
IV 3500		61.0	67.3	68.9	80.1	81.9	83.3	84.4	84.9	85.2	85.7	86.0	86.3	86.3	87.3	88.7
IV 3000		62.0	68.4	70.0	81.5	83.3	84.8	85.9	86.3	86.7	87.1	87.4	87.8	87.8	88.9	90.2
IV 2500		63.6	70.3	72.0	83.6	85.4	86.9	88.0	88.4	88.8	89.2	89.5	89.9	89.9	91.0	92.3
IV 2000		64.2	71.3	73.0	85.0	86.9	88.7	90.0	90.4	90.8	91.2	91.5	91.9	91.9	93.0	94.3
IV 1800		64.3	71.4	73.1	85.1	87.1	88.9	90.2	90.7	91.0	91.4	91.8	92.1	92.1	93.2	94.5
IV 1500		65.3	72.5	74.2	86.4	88.4	90.2	91.7	92.1	92.4	92.9	93.2	93.5	93.5	94.7	96.1
IV 1200		66.0	73.2	74.9	87.3	89.3	91.2	92.7	93.1	93.4	93.9	94.2	94.5	94.5	95.7	97.1
IV 1000		66.1	73.5	75.2	87.8	89.8	91.7	93.1	93.5	93.9	94.3	94.7	95.0	95.0	96.1	97.6
IV 900		66.1	73.5	75.2	87.8	89.8	91.8	93.2	93.7	94.0	94.4	94.8	95.1	95.1	96.2	97.7
IV 800		66.1	73.6	75.3	87.9	89.9	91.9	93.3	93.8	94.1	94.5	94.9	95.2	95.2	96.3	97.8
IV 700		66.2	73.7	75.4	88.2	90.2	92.2	93.7	94.1	94.4	94.9	95.2	95.6	95.6	96.7	98.1
IV 600		66.2	73.7	75.4	88.2	90.3	92.5	94.0	94.4	94.8	95.2	95.6	95.9	95.9	97.0	98.4
IV 500		66.2	73.9	75.5	88.3	90.4	92.1	94.1	94.5	94.9	95.3	95.7	96.0	96.0	97.1	98.6
IV 400		66.3	74.0	75.6	88.5	90.8	93.1	94.8	95.2	95.6	96.0	96.3	96.7	96.7	97.8	99.2
IV 300		66.3	74.0	75.6	88.5	90.8	93.1	94.8	95.2	95.6	96.0	96.3	96.7	96.7	97.8	99.3
IV 200		66.3	74.0	75.6	88.5	90.8	93.1	94.8	95.2	95.6	96.0	96.3	96.7	96.7	97.9	99.6
IV 100		66.3	74.0	75.6	88.5	90.8	93.1	94.8	95.2	95.6	96.0	96.3	96.7	96.7	97.9	99.8
IV 0		66.3	74.0	75.6	88.5	90.8	93.1	94.8	95.2	95.6	96.0	96.3	96.7	96.7	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		42.9	45.3	45.5	48.3	48.8	49.1	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000		48.6	51.4	51.7	54.7	55.3	55.5	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000		49.1	51.9	52.3	55.3	55.8	56.1	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000		49.3	52.2	52.5	55.5	56.1	56.3	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000		50.8	53.7	54.1	57.1	57.6	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000		53.8	57.2	57.5	60.7	61.3	61.6	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000		60.6	64.4	64.7	69.3	69.9	70.2	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000		62.3	66.3	66.6	71.7	72.3	72.7	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000		68.6	73.2	73.6	79.4	80.0	80.4	80.0	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.1
≥ 7000		70.4	75.2	75.6	81.5	82.1	82.5	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.2
≥ 6000		71.1	75.9	76.3	82.4	83.0	83.4	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1
≥ 5000		72.2	77.2	77.6	83.9	84.6	85.1	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.8
≥ 4500		73.0	78.0	78.4	84.6	85.4	85.9	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.5
≥ 4000		75.2	80.4	80.9	87.4	88.2	88.7	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.3
≥ 3500		77.4	82.6	83.1	89.8	90.5	91.0	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.7
≥ 3000		79.0	84.2	84.6	91.5	92.3	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4
≥ 2500		80.4	85.7	86.2	93.1	93.9	94.3	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 2000		81.4	86.8	87.4	94.5	95.3	95.8	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.4	96.6
≥ 1800		81.5	86.9	87.5	94.7	95.4	95.9	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.6	96.7
≥ 1500		81.8	87.1	87.9	95.1	95.9	96.3	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.1
≥ 1200		82.4	87.9	88.7	95.9	96.7	97.1	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.9	98.0
≥ 1000		82.5	88.1	88.9	96.1	96.9	97.3	97.7	97.7	97.9	98.1	98.1	98.1	98.1	98.2	98.3
≥ 900		82.5	88.1	88.9	96.1	96.9	97.3	97.7	97.7	97.9	98.1	98.1	98.1	98.1	98.2	98.3
≥ 800		82.6	88.3	89.1	96.4	97.3	97.8	98.1	98.1	98.3	98.6	98.6	98.6	98.6	98.7	98.8
≥ 700		82.6	88.3	89.2	96.6	97.6	98.0	98.3	98.3	98.7	98.9	98.9	98.9	98.9	99.0	99.1
≥ 600		82.6	88.3	89.2	96.6	97.7	98.1	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.1	99.2
≥ 500		82.6	88.3	89.2	96.6	97.7	98.1	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.4	99.6
≥ 400		82.8	88.4	89.3	96.8	97.9	98.3	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.8
≥ 300		82.8	88.4	89.3	96.8	97.9	98.3	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200		82.8	88.4	89.3	96.8	97.9	98.3	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.8
≥ 100		82.8	88.4	89.3	96.8	97.9	98.3	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.8
≥ 0		82.8	88.4	89.3	96.8	97.9	98.3	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		50.1 61.9	51.3 63.2	51.3 63.2	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6	51.6 63.6
IV ≥ 18000 16000		62.3 63.0	63.7 64.3	63.7 64.3	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7	64.0 64.7
IV 14000 12000		64.4 67.8	65.8 69.1	65.8 69.1	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4	66.1 69.4
IV 10000 9000		75.4 76.7	76.9 78.1	76.9 78.1	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6	77.2 78.6
IV 8000 7000		83.3 85.1	85.0 86.8	85.0 86.8	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2	85.4 87.2
IV 6000 5000		85.7 87.0	87.4 88.9	87.4 88.9	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6	88.1 89.6
IV 4500 4000		87.8 89.3	89.7 91.3	89.7 91.3	90.3 92.0	90.3 92.1	90.3 92.1	90.3 92.1	90.3 92.1	90.3 92.2	90.3 92.2	90.3 92.2	90.3 92.2	90.3 92.2	90.3 92.2	90.3 92.2
IV 3500 3000		90.8 91.4	92.9 93.6	92.9 93.6	93.6 94.4	93.8 94.7	93.8 94.8	93.8 94.8	93.8 94.8	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9
IV 2500 2000		92.2 93.4	94.4 95.7	94.4 95.7	95.3 96.7	95.6 96.9	95.7 97.0	95.7 97.0	95.7 97.0	95.8 97.1	95.8 97.1	95.8 97.1	95.8 97.1	95.8 97.1	95.8 97.1	95.8 97.1
IV 1800 1500		93.4 93.6	95.7 95.8	95.7 95.9	96.7 96.9	96.9 97.1	97.0 97.2	97.0 97.4	97.0 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6
IV 1200 1000		93.8 93.8	96.1 96.2	96.3 96.4	97.3 97.4	97.7 97.8	97.7 97.9	97.8 98.1	98.0 98.1	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2
IV 900 800		94.0 94.1	96.4 96.7	96.7 96.9	97.7 98.1	98.0 98.6	98.1 98.7	98.3 98.9	98.3 98.9	98.4 99.0	98.4 99.0	98.4 99.0	98.4 99.0	98.4 99.0	98.4 99.0	98.4 99.0
IV 700 600		94.1 94.1	96.7 96.7	96.9 96.9	98.1 98.2	98.6 98.7	98.7 98.9	98.9 99.1	98.9 99.1	99.0 99.2	99.1 99.3	99.1 99.3	99.1 99.3	99.1 99.3	99.1 99.3	99.1 99.3
IV 500 400		94.2 94.2	96.8 96.8	97.0 97.0	98.4 98.4	98.9 98.9	99.1 99.1	99.4 99.4	99.4 99.4	99.6 99.6	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
IV 300 200		94.2 94.2	96.8 96.8	97.0 97.0	98.4 98.4	98.9 98.9	99.1 99.1	99.4 99.4	99.4 99.4	99.6 99.6	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV 100 0		94.2 94.2	96.8 96.8	97.0 97.0	98.4 98.4	98.9 98.9	99.1 99.1	99.4 99.4	99.4 99.4	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 20000		61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 18000		62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 16000		62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 14000		65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 12000		68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 10000		76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 9000		78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 8000		84.1	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 7000		86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 6000		86.4	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 5000		86.9	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 4500		87.3	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4000		88.7	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500		90.0	90.9	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3000		91.2	92.4	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2500		92.3	93.7	93.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2000		93.6	95.2	95.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800		93.8	95.3	95.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1500		94.3	95.9	96.2	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200		94.9	96.4	96.8	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000		95.1	96.7	97.0	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900		95.2	96.8	97.1	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800		95.2	96.8	97.1	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700		95.2	96.8	97.1	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600		95.2	96.8	97.1	99.0	99.0	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500		95.2	96.9	97.2	99.3	99.3	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400		95.2	96.9	97.2	99.3	99.3	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300		95.2	96.9	97.2	99.3	99.3	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200		95.2	96.9	97.2	99.3	99.3	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100		95.2	96.9	97.2	99.3	99.3	99.3	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0		95.2	96.9	97.2	99.3	99.3	99.3	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING		53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6	53.6	53.6
≥ 20000		62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6
IV ≥ 18000		62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
IV ≥ 16000		63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
IV ≥ 14000		65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9
IV ≥ 12000		68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1
IV ≥ 10000		75.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
IV ≥ 9000		77.4	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3
IV ≥ 8000		82.3	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6
IV ≥ 7000		84.0	84.9	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
IV ≥ 6000		84.4	85.3	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
IV ≥ 5000		85.4	86.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
IV ≥ 4500		86.4	87.3	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
IV ≥ 4000		88.1	89.0	89.2	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV ≥ 3500		88.7	89.7	89.9	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
IV ≥ 3000		90.7	91.7	91.9	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6
IV ≥ 2500		92.0	93.1	93.3	94.8	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
IV ≥ 2000		93.1	94.2	94.4	95.9	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
IV ≥ 1800		93.4	94.7	94.9	96.7	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
IV ≥ 1500		94.0	95.3	95.6	97.8	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV ≥ 1200		94.1	95.4	95.7	98.0	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV ≥ 1000		94.1	95.4	95.7	98.0	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV ≥ 900		94.1	95.4	95.7	98.0	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV ≥ 800		94.1	95.4	95.7	98.0	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV ≥ 700		94.2	95.6	95.8	98.1	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV ≥ 600		94.2	95.6	95.8	98.2	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV ≥ 500		94.2	95.6	95.8	98.4	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 400		94.2	95.6	95.8	98.4	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 300		94.2	95.6	95.8	98.4	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 200		94.2	95.6	95.8	98.4	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 100		94.2	95.6	95.8	98.4	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 0		94.2	95.6	95.8	98.4	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		58.0	58.4	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 20000		65.8	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 18000		66.3	66.9	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000		66.3	66.9	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 14000		67.2	67.9	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 12000		69.4	70.2	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 10000		73.1	74.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000		74.2	75.3	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 8000		81.1	82.4	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 7000		83.6	84.9	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000		84.2	85.6	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 5000		84.9	86.2	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4500		86.0	87.3	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4000		87.2	88.6	89.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3500		88.8	90.3	90.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3000		90.6	92.1	92.4	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2500		92.2	93.9	94.2	96.0	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000		92.9	94.6	94.9	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800		93.1	94.8	95.1	97.1	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500		93.6	95.2	95.6	97.8	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200		93.8	95.6	95.9	98.1	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000		93.8	95.6	95.9	98.1	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900		93.8	95.6	95.9	98.1	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800		94.0	95.8	96.1	98.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700		94.0	96.0	96.3	98.6	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600		94.1	96.1	96.4	98.8	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500		94.1	96.1	96.6	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		94.1	96.1	96.6	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		94.1	96.1	96.6	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		94.1	96.1	96.6	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		94.1	96.1	96.6	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		94.1	96.1	96.6	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURLY (151)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		48.4	49.8	50.2	52.1	52.5	52.7	52.9	53.0	53.0	53.1	53.1	53.3	53.3	53.4	53.6
≥ 20000		56.4	58.0	58.4	60.6	61.0	61.3	61.4	61.5	61.6	61.6	61.7	61.8	61.8	62.0	62.2
IV 18000		56.8	58.4	58.8	61.1	61.5	61.7	61.9	62.0	62.0	62.1	62.1	62.2	62.3	62.4	62.6
IV 16000		57.0	58.6	59.0	61.3	61.7	61.9	62.1	62.2	62.2	62.3	62.3	62.4	62.5	62.7	62.8
IV 14000		58.4	60.1	60.4	62.7	63.1	63.4	63.6	63.6	63.7	63.8	63.8	63.9	63.9	64.1	64.3
IV 12000		61.1	62.9	63.3	65.7	66.0	66.3	66.5	66.6	66.7	66.7	66.7	66.9	66.9	67.1	67.3
IV 10000		67.1	69.2	69.6	72.5	72.8	73.1	73.3	73.4	73.5	73.5	73.6	73.7	73.7	73.9	74.1
IV 9000		68.7	70.8	71.2	74.4	74.8	75.0	75.3	75.3	75.4	75.5	75.5	75.7	75.7	75.9	76.0
IV 8000		74.5	77.0	77.5	80.9	81.2	81.5	81.8	81.8	81.9	82.0	82.0	82.2	82.2	82.4	82.6
IV 7000		76.3	78.9	79.5	82.9	83.3	83.6	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.5	84.7
IV 6000		76.9	79.5	80.1	83.7	84.1	84.3	84.6	84.7	84.7	84.8	84.8	85.0	85.0	85.2	85.4
IV 5000		77.7	80.4	81.0	84.6	85.0	85.3	85.5	85.6	85.7	85.7	85.8	85.9	85.9	86.1	86.3
IV 4500		78.9	81.6	82.1	85.8	86.2	86.5	86.8	86.8	86.9	87.0	87.0	87.2	87.2	87.4	87.6
IV 4000		80.3	83.2	83.8	87.6	88.1	88.4	88.7	88.8	88.8	88.9	89.0	89.1	89.1	89.3	89.5
IV 3500		81.7	84.6	85.2	89.2	89.7	90.0	90.3	90.4	90.4	90.5	90.6	90.7	90.7	90.9	91.1
IV 3000		83.2	86.2	86.8	91.1	91.6	91.9	92.2	92.3	92.4	92.5	92.5	92.6	92.7	92.9	93.1
IV 2500		84.6	87.7	88.4	92.8	93.2	93.6	93.9	94.0	94.1	94.2	94.2	94.3	94.4	94.6	94.8
IV 2000		85.5	88.8	89.5	94.0	94.5	94.9	95.3	95.4	95.5	95.6	95.6	95.7	95.7	96.0	96.2
IV 1800		85.6	88.9	89.6	94.3	94.8	95.2	95.6	95.7	95.8	95.9	95.9	96.0	96.1	96.3	96.5
IV 1500		86.2	89.6	90.3	95.2	95.8	96.3	96.7	96.8	96.9	97.0	97.0	97.1	97.2	97.4	97.6
IV 1200		86.6	90.1	90.8	95.7	96.4	96.9	97.3	97.4	97.5	97.6	97.6	97.7	97.7	98.0	98.2
IV 1000		86.7	90.2	91.0	96.0	96.7	97.2	97.6	97.7	97.8	97.9	97.9	98.0	98.1	98.3	98.5
IV 900		86.7	90.2	91.1	96.1	96.7	97.2	97.7	97.7	97.8	97.9	98.0	98.1	98.1	98.4	98.6
IV 800		86.9	90.4	91.2	96.3	97.0	97.5	97.9	98.0	98.1	98.2	98.3	98.4	98.4	98.7	98.9
IV 700		86.9	90.5	91.3	96.4	97.1	97.6	98.1	98.2	98.3	98.4	98.5	98.6	98.6	98.9	99.1
IV 600		86.9	90.5	91.4	96.5	97.3	97.9	98.3	98.4	98.6	98.7	98.7	98.9	98.9	99.1	99.3
IV 500		87.0	90.6	91.4	96.7	97.4	98.0	98.5	98.6	98.8	98.9	99.0	99.1	99.1	99.4	99.6
IV 400		87.0	90.6	91.5	96.8	97.5	98.1	98.7	98.8	99.0	99.1	99.2	99.3	99.3	99.6	99.8
IV 300		87.0	90.6	91.5	96.8	97.5	98.1	98.7	98.8	99.0	99.1	99.2	99.3	99.3	99.6	99.8
IV 200		87.0	90.6	91.5	96.8	97.5	98.1	98.7	98.8	99.0	99.1	99.2	99.3	99.3	99.6	99.8
IV 100		87.0	90.6	91.5	96.8	97.5	98.1	98.7	98.8	99.0	99.1	99.2	99.3	99.4	99.6	100.0
IV 0		87.0	90.6	91.5	96.8	97.5	98.1	98.7	98.8	99.0	99.1	99.2	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-76, 73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		57.8	62.5	62.6	66.5	66.7	66.7	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.6
≥ 20000		62.8	68.0	68.1	72.9	73.1	73.2	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.2	74.5
IV 18000		63.1	68.4	68.5	73.3	73.5	73.7	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.6	74.9
IV 16000		63.1	68.4	68.5	73.3	73.5	73.7	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.6	74.9
IV 14000		63.5	68.8	68.9	73.8	74.0	74.1	74.6	74.6	74.7	74.7	74.7	74.8	74.8	75.1	75.4
IV 12000		65.1	70.3	70.4	75.4	75.6	75.7	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.7	77.0
IV 10000		70.2	75.5	75.6	80.5	80.8	80.9	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.8	82.2
IV 9000		71.6	77.0	77.1	82.0	82.3	82.4	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.3	83.7
IV 8000		75.8	82.0	82.3	87.4	87.6	87.7	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.7	89.0
IV 7000		76.0	82.3	82.5	87.6	87.8	88.0	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.9	89.2
IV 6000		76.5	82.8	83.2	88.4	88.6	88.7	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.7	90.0
IV 5000		78.0	84.4	84.8	90.1	90.3	90.4	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.4	91.7
IV 4500		80.4	87.0	87.4	92.9	93.1	93.2	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.2	94.5
IV 4000		81.6	88.4	88.8	94.9	95.3	95.4	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.3	96.7
IV 3500		82.6	89.4	89.8	95.9	96.2	96.3	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.3	97.6
IV 3000		82.8	89.9	90.3	96.6	97.0	97.1	97.6	97.6	97.7	97.7	97.7	97.8	97.8	98.1	98.4
IV 2500		83.3	90.5	91.0	97.2	97.6	97.8	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.8	99.1
IV 2000		83.5	90.8	91.2	97.4	97.8	98.1	98.6	98.6	98.7	98.7	98.7	98.8	98.8	99.0	99.4
IV 1800		83.5	90.8	91.2	97.4	97.8	98.1	98.6	98.6	98.7	98.7	98.7	98.8	98.8	99.0	99.4
IV 1500		83.5	90.9	91.3	97.5	98.0	98.2	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.5
IV 1200		83.5	90.9	91.3	97.5	98.1	98.3	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.2	99.6
IV 1000		83.5	91.0	91.4	97.7	98.3	98.5	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.5	99.8
IV 900		83.7	91.1	91.5	97.8	98.4	98.6	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.6	99.9
IV 800		83.7	91.1	91.5	97.8	98.4	98.6	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.6	99.9
IV 700		83.7	91.1	91.5	98.0	98.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.7	100.0
IV 600		83.7	91.1	91.5	98.0	98.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.7	100.0
IV 500		83.7	91.1	91.5	98.0	98.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.7	100.0
IV 400		83.7	91.1	91.5	98.0	98.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.7	100.0
IV 300		83.7	91.1	91.5	98.0	98.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.7	100.0
IV 200		83.7	91.1	91.5	98.0	98.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.7	100.0
IV 100		83.7	91.1	91.5	98.0	98.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.7	100.0
IV 0		83.7	91.1	91.5	98.0	98.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		54.3	58.6	58.8	65.5	65.7	66.0	66.5	66.6	66.7	66.9	67.0	67.0	67.0	67.4	68.2
IV 20000		57.1	61.5	61.8	69.4	69.7	70.2	70.6	70.8	70.9	71.1	71.2	71.2	71.2	71.6	72.4
IV 18000		57.2	61.6	61.9	69.8	70.1	70.6	71.1	71.2	71.3	71.5	71.6	71.6	71.6	72.0	72.8
IV 16000		57.2	61.6	61.9	69.8	70.1	70.6	71.1	71.2	71.3	71.5	71.6	71.6	71.6	72.0	72.8
IV 14000		57.4	61.8	62.2	70.0	70.3	70.9	71.3	71.4	71.5	71.7	71.8	71.8	71.8	72.3	73.0
IV 12000		58.1	62.0	63.1	71.0	71.3	71.8	72.3	72.4	72.5	72.7	72.8	72.8	72.8	73.2	74.0
IV 10000		62.9	67.7	68.3	76.1	76.5	77.0	77.4	77.5	77.6	77.8	78.0	78.0	78.0	78.4	79.1
IV 9000		63.3	68.3	68.8	76.7	77.0	77.5	78.0	78.1	78.2	78.4	78.5	78.5	78.5	78.9	79.7
IV 8000		67.7	73.5	74.1	82.5	82.8	83.3	83.8	83.9	84.0	84.2	84.3	84.3	84.3	84.7	85.5
IV 7000		68.8	74.6	75.2	83.7	84.0	84.5	84.9	85.1	85.2	85.4	85.5	85.5	85.5	85.9	86.7
IV 6000		69.5	75.3	75.9	84.4	84.7	85.3	85.7	85.8	85.9	86.1	86.2	86.2	86.2	86.7	87.4
IV 5000		70.4	76.6	77.2	86.0	86.3	86.9	87.3	87.4	87.5	87.7	87.8	87.8	87.8	88.3	89.0
IV 4500		71.9	78.1	78.8	87.8	88.4	88.9	89.4	89.5	89.6	89.8	89.9	89.9	89.9	90.3	91.1
IV 4000		73.4	79.6	80.4	90.4	91.1	91.6	92.0	92.2	92.3	92.5	92.6	92.6	92.6	93.0	93.8
IV 3500		74.3	80.4	81.3	91.3	91.9	92.5	92.9	93.0	93.1	93.3	93.4	93.4	93.4	93.9	94.6
IV 3000		75.4	81.5	82.4	92.6	93.2	93.8	94.2	94.3	94.4	94.6	94.7	94.7	94.7	95.2	95.9
IV 2500		76.1	82.4	83.2	93.8	94.4	94.9	95.4	95.5	95.6	95.8	95.9	95.9	95.9	96.3	97.1
IV 2000		77.1	83.3	84.2	95.2	95.9	96.5	96.9	97.0	97.1	97.3	97.4	97.4	97.4	97.8	98.6
IV 1800		77.3	83.5	84.4	95.4	96.1	96.7	97.1	97.2	97.3	97.5	97.6	97.6	97.6	98.1	98.8
IV 1500		77.4	83.7	84.5	95.6	96.3	96.9	97.3	97.4	97.5	97.7	97.8	97.8	97.8	98.3	99.0
IV 1200		77.4	83.7	84.5	95.6	96.3	96.9	97.3	97.4	97.5	97.7	97.8	97.8	97.8	98.3	99.0
IV 1000		77.5	83.9	84.7	95.9	96.7	97.2	97.6	97.7	97.8	98.1	98.2	98.2	98.2	98.6	99.4
IV 900		77.5	83.9	84.7	95.9	96.7	97.2	97.6	97.7	97.8	98.1	98.2	98.2	98.2	98.6	99.4
IV 800		77.5	83.9	84.7	95.9	96.7	97.2	97.6	97.7	97.8	98.1	98.2	98.2	98.2	98.6	99.4
IV 700		77.7	84.1	84.9	96.1	96.9	97.4	97.8	98.0	98.1	98.3	98.4	98.4	98.4	98.8	99.6
IV 600		77.7	84.1	84.9	96.1	96.9	97.4	97.8	98.0	98.1	98.3	98.4	98.4	98.4	98.8	99.6
IV 500		77.7	84.1	84.9	96.1	96.9	97.4	97.8	98.0	98.1	98.3	98.4	98.4	98.4	98.8	99.6
IV 400		77.7	84.1	84.9	96.1	96.9	97.4	97.8	98.0	98.1	98.3	98.4	98.4	98.4	98.8	99.6
IV 300		77.7	84.1	84.9	96.1	96.9	97.4	97.8	98.0	98.3	98.5	98.6	98.6	98.6	99.0	99.8
IV 200		77.7	84.1	84.9	96.1	96.9	97.4	97.8	98.0	98.3	98.5	98.6	98.6	98.6	99.0	99.8
IV 100		77.7	84.1	84.9	96.1	96.9	97.4	97.8	98.0	98.3	98.5	98.6	98.6	98.6	99.1	100.0
IV 0		77.7	84.1	84.9	96.1	96.9	97.4	97.8	98.0	98.3	98.5	98.6	98.6	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		44.6	48.9	49.5	56.7	57.4	58.3	59.1	59.1	59.4	59.6	59.7	59.8	60.0	60.2	61.1
≥ 20000		46.7	51.8	52.7	60.6	61.8	62.7	63.8	63.8	64.0	64.2	64.3	64.5	64.8	65.1	66.0
≥ 18000		47.0	52.2	53.0	61.0	62.2	63.0	64.1	64.1	64.3	64.5	64.6	64.8	65.2	65.4	66.3
≥ 16000		47.0	52.2	53.0	61.0	62.2	63.0	64.1	64.1	64.3	64.5	64.6	64.8	65.2	65.4	66.3
≥ 14000		47.5	52.8	53.7	61.7	62.9	63.8	64.8	64.8	65.1	65.3	65.4	65.6	65.9	66.1	67.1
≥ 12000		49.4	55.1	56.0	64.4	65.6	66.5	67.5	67.5	67.7	68.0	68.1	68.3	68.6	68.8	69.8
≥ 10000		53.3	59.6	60.6	69.5	70.9	71.7	72.8	72.8	73.0	73.2	73.3	73.5	73.9	74.1	75.1
≥ 9000		54.1	60.8	61.8	71.1	72.5	73.3	74.4	74.4	74.6	74.8	74.9	75.2	75.5	75.7	76.7
≥ 8000		58.3	65.9	67.0	76.7	78.1	78.9	80.0	80.0	80.2	80.4	80.5	80.8	81.1	81.3	82.3
≥ 7000		60.0	67.4	68.5	78.5	79.9	80.9	81.9	81.9	82.2	82.4	82.5	82.7	83.0	83.2	84.2
≥ 6000		60.5	68.0	69.0	79.1	80.5	81.5	82.6	82.6	82.8	83.0	83.1	83.3	83.7	83.9	84.8
≥ 5000		62.3	69.8	70.9	81.2	82.6	83.5	84.6	84.6	84.8	85.1	85.2	85.4	85.7	85.9	86.9
≥ 4500		64.0	71.6	72.7	83.1	84.5	85.5	86.6	86.6	86.8	87.0	87.1	87.3	87.6	87.8	88.8
≥ 4000		65.4	73.1	74.2	84.6	86.0	87.0	88.1	88.1	88.3	88.5	88.6	88.8	89.1	89.4	90.3
≥ 3500		66.6	74.3	75.4	86.2	87.6	88.9	90.0	90.0	90.2	90.4	90.5	90.8	91.1	91.3	92.3
≥ 3000		67.8	75.7	76.9	88.1	89.5	90.8	92.0	92.0	92.3	92.5	92.6	92.8	93.1	93.3	94.3
≥ 2500		68.6	76.5	77.6	89.4	90.8	92.0	93.3	93.3	93.5	93.8	93.9	94.1	94.4	94.6	95.6
≥ 2000		69.0	77.0	78.3	90.1	91.5	92.8	94.1	94.1	94.3	94.5	94.6	94.8	95.2	95.4	96.3
≥ 1800		69.2	77.2	78.5	90.3	91.7	93.0	94.3	94.3	94.5	94.7	94.8	95.1	95.4	95.6	96.6
≥ 1500		69.5	77.4	78.7	90.6	92.0	93.3	94.6	94.6	94.8	95.1	95.2	95.4	95.7	95.9	96.9
≥ 1200		69.8	77.7	79.0	91.0	92.4	93.7	94.9	94.9	95.2	95.4	95.5	95.7	96.0	96.2	97.2
≥ 1000		69.9	77.8	79.1	91.1	92.5	93.8	95.1	95.1	95.3	95.5	95.6	95.8	96.1	96.3	97.3
≥ 900		69.9	77.8	79.1	91.1	92.5	93.8	95.2	95.2	95.4	95.6	95.7	95.9	96.2	96.5	97.4
≥ 800		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.5	95.7	95.8	96.0	96.3	96.6	97.5
≥ 700		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.5	95.7	95.8	96.0	96.3	96.6	97.5
≥ 600		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.5	95.8	95.9	96.1	96.6	96.8	97.7
≥ 500		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.6	95.9	96.0	96.3	96.8	97.0	98.1
≥ 400		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.6	95.9	96.0	96.3	96.8	97.0	98.1
≥ 300		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.6	95.9	96.0	96.5	96.9	97.2	98.6
≥ 200		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.6	95.9	96.0	96.5	96.9	97.3	99.6
≥ 100		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.6	95.9	96.0	96.5	96.9	97.3	99.9
≥ 0		69.9	77.8	79.1	91.2	92.6	93.9	95.3	95.3	95.6	95.9	96.0	96.5	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		52.0	55.3	55.5	60.0	60.2	60.6	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.1	61.5
≥ 20000		56.9	61.5	61.7	66.7	67.1	67.5	67.8	67.8	67.8	67.9	67.9	68.0	68.0	68.1	68.5
≥ 18000		57.2	61.9	62.1	67.2	67.5	68.0	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.7	69.0
≥ 16000		57.2	61.9	62.1	67.2	67.5	68.0	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.7	69.0
≥ 14000		58.6	63.4	63.6	68.7	69.0	69.5	69.9	69.9	69.9	70.0	70.0	70.1	70.1	70.2	70.5
≥ 12000		61.1	66.8	67.1	72.2	72.7	73.3	73.6	73.6	73.6	73.7	73.7	73.8	73.8	74.0	74.3
≥ 10000		65.6	71.8	72.1	77.4	77.8	78.5	78.8	78.8	78.8	78.9	78.9	79.0	79.0	79.1	79.4
≥ 9000		67.1	73.5	73.8	79.2	79.7	80.3	80.6	80.6	80.7	80.8	80.8	80.9	80.9	81.1	81.4
≥ 8000		70.7	77.7	78.0	83.6	84.1	84.7	85.0	85.0	85.1	85.3	85.3	85.4	85.4	85.5	85.8
≥ 7000		72.6	79.7	80.0	85.6	86.0	86.7	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.4	87.7
≥ 6000		72.9	80.0	80.3	85.9	86.4	87.1	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.8	88.2
≥ 5000		73.7	80.8	81.2	86.9	87.4	88.1	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.8	89.1
≥ 4500		76.1	83.4	83.9	89.6	90.1	91.0	91.3	91.3	91.4	91.5	91.5	91.6	91.6	91.7	92.0
≥ 4000		77.2	84.5	84.9	90.6	91.3	92.1	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.9	93.2
≥ 3500		78.1	85.7	86.1	91.9	92.7	93.6	94.0	94.0	94.1	94.2	94.2	94.3	94.3	94.4	94.7
≥ 3000		78.7	86.2	86.7	93.0	93.8	94.7	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.5	95.8
≥ 2500		78.8	86.3	86.8	93.5	94.3	95.3	95.6	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.3
≥ 2000		79.2	86.8	87.2	94.0	94.7	95.7	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.8
≥ 1800		79.2	86.8	87.2	94.0	94.7	95.7	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.8
≥ 1500		79.2	86.8	87.2	94.0	94.7	95.7	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.8
≥ 1200		79.3	87.0	87.4	94.2	94.9	95.9	96.2	96.2	96.4	96.8	96.8	96.9	96.9	97.0	97.3
≥ 1000		79.3	87.0	87.4	94.3	95.0	96.1	96.6	96.6	96.8	97.1	97.1	97.2	97.2	97.3	97.6
≥ 900		79.4	87.2	87.6	94.6	95.4	96.4	96.9	96.9	97.1	97.4	97.4	97.5	97.5	97.6	98.0
≥ 800		79.4	87.2	87.6	94.6	95.4	96.4	96.9	96.9	97.1	97.4	97.5	97.6	97.6	97.7	98.1
≥ 700		79.4	87.2	87.6	94.6	95.4	96.4	96.9	96.9	97.1	97.4	97.5	97.5	97.6	97.7	98.1
≥ 600		79.4	87.2	87.6	94.6	95.4	96.4	96.9	97.0	97.2	97.6	97.7	98.0	98.0	98.1	98.4
≥ 500		79.4	87.2	87.6	94.6	95.6	96.7	97.1	97.2	97.4	97.8	98.0	98.3	98.3	98.4	98.8
≥ 400		79.4	87.2	87.6	94.6	95.6	96.7	97.2	97.3	97.5	98.1	98.2	98.5	98.5	98.6	99.0
≥ 300		79.4	87.2	87.6	94.6	95.6	96.7	97.2	97.3	97.5	98.1	98.2	98.6	98.7	98.8	99.4
≥ 200		79.4	87.2	87.6	94.6	95.6	96.7	97.2	97.3	97.5	98.2	98.3	98.8	98.9	99.2	99.9
≥ 100		79.4	87.2	87.6	94.6	95.6	96.7	97.2	97.3	97.5	98.2	98.3	98.8	98.9	99.2	100.0
≥ 0		79.4	87.2	87.6	94.6	95.6	96.7	97.2	97.3	97.5	98.2	98.3	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅔	≥ 0
NO CEILING		61.1	62.3	62.3	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000		67.7	69.2	69.2	70.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 18000		67.7	69.5	69.5	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 16000		67.8	69.6	69.6	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 14000		68.7	70.5	70.5	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 12000		72.2	74.2	74.2	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 10000		78.0	80.1	80.1	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 9000		79.6	81.8	81.8	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 8000		83.1	85.4	85.4	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 7000		84.6	86.9	87.1	89.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 6000		84.9	87.2	87.5	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 5000		85.6	87.8	88.2	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4500		86.3	88.6	88.9	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 4000		88.2	90.5	90.9	93.3	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3500		89.1	91.5	91.8	94.4	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3000		90.5	93.0	93.5	96.2	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2500		90.9	93.3	93.9	96.6	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2000		91.4	94.0	94.6	97.3	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800		91.4	94.0	94.6	97.3	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500		91.7	94.4	95.1	97.8	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200		91.8	94.5	95.2	98.0	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000		91.9	94.6	95.3	98.1	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900		92.0	94.7	95.4	98.2	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800		92.0	94.7	95.5	98.3	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700		92.0	94.7	95.5	98.3	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600		92.2	94.8	95.6	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500		92.2	94.8	95.6	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400		92.3	94.9	95.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		92.3	94.9	95.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		92.3	94.9	95.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		92.3	94.9	95.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		92.3	94.9	95.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING		62.8	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000		69.7	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 18000		70.3	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 16000		70.9	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 14000		71.6	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 12000		74.9	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 10000		80.2	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000		82.2	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 8000		86.6	87.4	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 7000		88.2	89.0	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 6000		88.7	89.6	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 5000		89.2	90.1	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4500		90.1	91.0	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4000		91.6	92.5	92.7	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3500		92.4	93.2	93.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3000		94.1	95.1	95.3	96.3	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 2500		94.9	96.0	96.2	97.4	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2000		95.3	96.3	96.6	97.8	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800		95.5	96.6	96.8	98.1	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500		95.8	96.9	97.1	98.4	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200		95.9	97.0	97.2	98.6	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000		95.9	97.0	97.2	98.6	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900		96.0	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800		96.0	97.1	97.3	98.7	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700		96.0	97.1	97.3	98.7	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600		96.0	97.1	97.3	98.7	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500		96.0	97.1	97.3	98.7	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400		96.0	97.1	97.4	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		96.0	97.1	97.4	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		96.0	97.1	97.4	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		96.0	97.1	97.4	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		96.0	97.1	97.4	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING ≥ 20000		62.7	63.7	63.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 18000		67.8	69.0	69.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 16000		68.5	69.7	69.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 14000		68.8	70.0	70.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 12000		69.8	71.0	71.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 10000		72.9	74.2	74.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 9000		78.5	79.8	79.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 8000		79.7	81.1	81.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 7000		83.5	84.9	84.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 6000		85.2	86.6	86.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 5000		85.3	86.8	86.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4500		86.9	88.8	88.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4000		88.3	90.2	90.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3500		89.7	91.6	91.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3000		91.8	94.0	94.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2500		93.5	95.8	95.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2000		94.0	96.2	96.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800		94.1	96.5	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500		94.1	96.5	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200		94.6	97.0	97.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000		94.6	97.0	97.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900		94.7	97.1	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800		94.7	97.1	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700		94.7	97.1	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600		94.7	97.1	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500		94.7	97.1	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400		94.7	97.2	97.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300		94.7	97.2	97.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200		94.7	97.2	97.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100		94.7	97.2	97.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0		94.7	97.2	97.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥1/8	≤0
NO CEILING ≥ 20000		64.5	66.6	66.6	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 18000		71.5	74.2	74.2	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 16000		71.9	74.6	74.6	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 14000		72.0	74.7	74.7	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 12000		72.4	75.1	75.1	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 10000		74.1	76.8	76.8	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 9000		78.0	80.6	80.6	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 8000		79.7	82.4	82.4	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 7000		83.9	86.9	86.9	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000		84.8	87.8	87.8	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 5000		85.6	88.6	88.6	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4500		86.7	89.9	89.9	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 4000		87.8	91.3	91.3	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3500		88.8	92.3	92.3	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3000		90.0	93.4	93.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2500		91.1	94.6	94.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000		91.5	95.1	95.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1900		91.7	95.6	95.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800		91.7	95.6	95.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1700		91.9	95.8	95.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1600		91.9	95.8	95.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1400		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1300		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1100		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600		92.0	95.9	96.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500		92.2	96.1	96.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		92.2	96.1	96.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		92.2	96.1	96.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		92.2	96.1	96.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		92.2	96.1	96.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		92.2	96.1	96.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING		57.5	60.2	60.3	63.6	63.8	64.0	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.7	64.9
≥ 20000		62.5	65.7	65.9	69.7	70.0	70.3	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.9	71.2
≥ 18000		62.9	66.1	66.3	70.1	70.4	70.7	71.0	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.4	71.7
≥ 16000		63.0	66.3	66.4	70.3	70.6	70.9	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.5	71.8
IV 14000		63.7	67.0	67.2	71.0	71.3	71.6	71.9	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.3	72.6
IV 12000		66.0	69.5	69.7	73.6	73.9	74.2	74.5	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.9	75.2
IV 10000		70.8	74.5	74.8	78.8	79.1	79.4	79.7	79.7	79.8	79.8	79.9	79.9	80.0	80.0	80.1	80.4
IV 9000		72.1	76.0	76.2	80.3	80.7	81.0	81.3	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.7	81.9
IV 8000		76.3	80.5	80.8	85.2	85.5	85.8	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.5	86.8
IV 7000		77.5	81.8	82.1	86.6	86.9	87.2	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.9	88.2
IV 6000		78.0	82.3	82.6	87.1	87.5	87.8	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.8
IV 5000		79.1	83.5	83.9	88.6	88.9	89.2	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.9	90.2
IV 4500		80.6	85.1	85.5	90.4	90.8	91.1	91.4	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.8	92.1
IV 4000		82.0	86.6	87.0	92.1	92.5	92.9	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.6	93.9
IV 3500		83.1	87.7	88.2	93.4	93.8	94.2	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.9	95.2
IV 3000		84.2	89.0	89.4	94.8	95.3	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.5	96.8
IV 2500		84.8	89.5	90.0	95.6	96.1	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.6
IV 2000		85.2	90.0	90.5	96.2	96.7	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	98.0	98.3
IV 1800		85.3	90.1	90.6	96.3	96.8	97.3	97.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	98.1	98.3
IV 1500		85.5	90.3	90.8	96.6	97.2	97.6	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.7
IV 1200		85.5	90.4	90.9	96.7	97.3	97.8	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.9
IV 1000		85.6	90.5	91.0	96.9	97.4	97.9	98.3	98.3	98.4	98.5	98.6	98.6	98.6	98.7	98.8	99.1
IV 900		85.7	90.6	91.1	96.9	97.5	98.0	98.4	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.9	99.2
IV 800		85.7	90.6	91.1	97.0	97.6	98.1	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	99.0	99.3
IV 700		85.7	90.6	91.1	97.0	97.6	98.1	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.9	99.0	99.3
IV 600		85.7	90.6	91.2	97.0	97.7	98.1	98.5	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.1	99.4
IV 500		85.7	90.7	91.2	97.1	97.7	98.2	98.6	98.6	98.7	98.8	98.9	98.9	99.0	99.1	99.2	99.5
IV 400		85.7	90.7	91.2	97.1	97.8	98.2	98.6	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.3	99.6
IV 300		85.7	90.7	91.2	97.1	97.8	98.2	98.6	98.7	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.7
IV 200		85.7	90.7	91.2	97.1	97.8	98.2	98.6	98.7	98.8	99.0	99.0	99.1	99.2	99.2	99.4	99.9
IV 100		85.7	90.7	91.2	97.1	97.8	98.2	98.6	98.7	98.8	99.0	99.0	99.2	99.2	99.2	99.4	100.0
IV 0		85.7	90.7	91.2	97.1	97.8	98.2	98.6	98.7	98.8	99.0	99.0	99.2	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING		47.8	50.6	51.1	55.1	55.6	55.7	55.9	56.0	56.1	56.2	56.2	56.2	56.3	56.6	56.8
≥ 20000		51.2	54.2	54.9	59.1	59.6	59.7	59.9	60.0	60.2	60.4	60.4	60.4	60.7	60.9	61.1
IV 18000		51.3	54.3	55.0	59.2	59.7	59.8	60.0	60.1	60.3	60.6	60.6	60.6	60.8	61.0	61.2
IV 16000		51.3	54.3	55.0	59.2	59.7	59.8	60.0	60.1	60.3	60.6	60.6	60.6	60.8	61.0	61.2
IV 14000		51.4	54.4	55.1	59.3	59.8	59.9	60.1	60.2	60.4	60.7	60.7	60.7	60.9	61.1	61.3
IV 12000		52.3	55.3	56.0	60.3	60.9	61.0	61.2	61.3	61.6	61.8	61.8	61.8	62.0	62.2	62.4
IV 10000		54.2	57.2	58.2	62.8	63.3	63.4	63.7	63.8	64.0	64.2	64.2	64.2	64.4	64.7	64.9
IV 9000		54.7	57.7	58.7	63.2	63.8	63.9	64.1	64.2	64.4	64.7	64.7	64.7	64.9	65.1	65.3
IV 8000		56.2	59.6	60.6	65.4	66.0	66.1	66.3	66.4	66.7	66.9	66.9	66.9	67.1	67.3	67.6
IV 7000		60.9	64.2	65.2	70.1	70.7	70.8	71.0	71.1	71.3	71.6	71.6	71.6	71.8	72.0	72.2
IV 6000		62.2	65.6	66.6	71.4	72.0	72.1	72.3	72.4	72.7	72.9	72.9	72.9	73.1	73.3	73.6
IV 5000		65.8	69.1	70.2	75.4	76.0	76.1	76.3	76.4	76.7	76.9	76.9	76.9	77.1	77.3	77.6
IV 4500		69.7	73.0	74.1	79.4	80.0	80.1	80.3	80.4	80.7	80.9	80.9	80.9	81.1	81.3	81.6
IV 4000		72.7	76.1	77.2	82.6	83.1	83.2	83.4	83.6	83.8	84.0	84.0	84.0	84.2	84.4	84.7
IV 3500		77.3	80.8	81.9	87.3	87.9	88.0	88.3	88.4	88.7	88.9	88.9	88.9	89.1	89.3	89.6
IV 3000		79.2	82.8	84.0	89.6	90.1	90.3	91.0	91.1	91.3	91.6	91.6	91.6	91.8	92.0	92.2
IV 2500		81.1	84.7	85.9	91.9	92.4	92.7	93.3	93.4	93.7	93.9	93.9	93.9	94.1	94.3	94.6
IV 2000		82.0	85.7	86.9	93.0	93.7	93.9	94.8	94.9	95.1	95.3	95.3	95.3	95.6	95.8	96.0
IV 1800		82.1	85.8	87.0	93.1	93.8	94.0	94.9	95.0	95.2	95.4	95.4	95.4	95.7	95.9	96.1
IV 1500		82.1	85.9	87.1	93.9	94.8	95.0	95.9	96.1	96.3	96.6	96.6	96.6	96.8	97.0	97.2
IV 1200		82.1	85.9	87.1	94.1	95.0	95.2	96.3	96.6	96.8	97.0	97.0	97.0	97.2	97.4	97.7
IV 1000		82.4	86.2	87.4	94.4	95.3	95.6	96.7	96.9	97.1	97.3	97.3	97.3	97.6	97.8	98.0
IV 900		82.4	86.2	87.4	94.6	95.4	95.7	96.8	97.0	97.2	97.4	97.4	97.4	97.7	97.9	98.1
IV 800		82.4	86.2	87.4	95.0	95.9	96.2	97.3	97.6	97.8	98.0	98.0	98.0	98.2	98.4	98.7
IV 700		82.4	86.2	87.4	95.0	95.9	96.2	97.3	97.6	97.8	98.0	98.0	98.0	98.2	98.4	98.7
IV 600		82.4	86.2	87.4	95.0	95.9	96.2	97.3	97.6	97.8	98.0	98.0	98.0	98.2	98.4	98.7
IV 500		82.4	86.2	87.4	95.0	95.9	96.2	97.3	97.6	97.8	98.0	98.2	98.2	98.3	98.7	98.9
IV 400		82.4	86.2	87.4	95.0	95.9	96.2	97.3	97.6	97.8	98.0	98.2	98.2	98.3	98.7	98.9
IV 300		82.4	86.2	87.4	95.0	95.9	96.2	97.3	97.6	97.8	98.0	98.2	98.2	98.3	98.7	98.9
IV 200		82.4	86.2	87.4	95.0	95.9	96.2	97.3	97.6	97.8	98.0	98.3	98.3	98.4	98.8	99.1
IV 100		82.4	86.2	87.4	95.1	96.0	96.3	97.4	97.7	98.1	98.4	98.4	98.4	98.6	98.9	99.2
IV 0		82.4	86.2	87.4	95.1	96.0	96.3	97.4	97.7	98.1	98.4	98.4	98.4	98.6	98.9	99.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

G300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	≥0
NO CEILING		44.7	48.4	48.8	51.9	53.1	53.5	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.6	54.9	
≥ 20000		47.9	51.6	52.2	55.5	56.7	57.2	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.4	58.7	
IV 18000		48.1	51.7	52.3	55.6	56.8	57.3	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.5	58.8	
IV 16000		48.1	51.7	52.3	55.6	56.8	57.3	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.5	58.8	
IV 14000		48.4	52.1	52.6	55.0	57.2	57.6	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.8	59.2	
IV 12000		48.9	52.6	53.2	56.5	57.8	58.5	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.7	60.1	
IV 10000		51.4	55.5	56.1	59.4	60.7	61.4	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.6	63.0	
IV 9000		51.0	56.0	56.5	59.8	61.2	61.8	62.4	62.4	62.5	62.6	62.6	62.6	62.6	63.1	63.4	
IV 8000		53.8	58.0	58.5	62.1	63.4	64.2	64.7	64.7	64.8	65.0	65.0	65.0	65.0	65.4	65.7	
IV 7000		57.0	61.1	61.6	65.4	66.7	67.5	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.7	69.1	
IV 6000		57.5	61.6	62.2	66.0	67.3	68.1	68.6	68.6	68.7	68.9	68.9	68.9	68.9	69.3	69.6	
IV 5000		62.3	66.4	67.0	70.9	72.2	73.0	73.5	73.5	73.6	73.7	73.7	73.7	73.7	74.2	74.5	
IV 4500		77.0	71.1	71.6	75.6	77.0	77.8	78.3	78.3	78.4	78.5	78.5	78.5	78.5	79.0	79.3	
IV 4000		70.1	74.2	74.7	79.0	80.3	81.1	81.6	81.6	81.8	81.9	81.9	81.9	81.9	82.3	82.6	
IV 3500		74.9	79.1	79.6	84.2	85.5	86.3	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.5	87.9	
IV 3000		77.1	81.4	82.0	86.8	88.1	88.9	89.4	89.4	89.5	89.7	89.7	89.7	89.7	90.1	90.4	
IV 2500		78.5	83.3	83.9	89.3	90.7	91.4	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.8	93.1	
IV 2000		79.6	84.4	85.0	90.5	91.9	92.8	93.5	93.5	93.7	93.8	93.8	93.8	93.8	94.2	94.5	
IV 1800		79.8	84.5	85.1	90.8	92.2	93.1	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.5	94.9	
IV 1500		80.1	85.0	85.5	92.0	93.5	94.5	95.4	95.4	95.6	95.8	95.8	95.8	95.8	96.2	96.6	
IV 1200		80.3	85.2	85.8	92.3	94.0	95.2	96.1	96.1	96.2	96.4	96.4	96.4	96.6	97.0	97.3	
IV 1000		80.5	85.5	86.1	92.8	94.4	95.8	96.7	96.7	96.8	97.0	97.0	97.0	97.1	97.6	97.9	
IV 900		80.5	85.5	86.1	92.9	94.5	95.9	96.8	96.8	97.0	97.2	97.2	97.2	97.3	97.8	98.1	
IV 800		80.6	85.8	86.3	93.3	95.0	96.3	97.3	97.3	97.6	97.8	97.8	97.8	97.9	98.3	98.7	
IV 700		80.8	85.9	86.4	93.4	95.1	96.4	97.4	97.4	97.7	97.9	97.9	98.0	98.0	98.4	98.8	
IV 600		80.8	85.9	86.4	93.4	95.1	96.4	97.4	97.4	97.7	97.9	97.9	98.0	98.0	98.4	98.8	
IV 500		80.8	85.9	86.4	93.4	95.1	96.6	97.6	97.6	97.8	98.0	98.0	98.0	98.3	98.9	99.2	
IV 400		80.8	85.9	86.4	93.4	95.1	96.6	97.6	97.6	97.8	98.0	98.0	98.0	98.3	98.9	99.2	
IV 300		80.8	85.9	86.4	93.4	95.1	96.6	97.6	97.6	97.8	98.0	98.0	98.0	98.3	98.9	99.2	
IV 200		80.8	85.9	86.4	93.4	95.1	96.6	97.6	97.6	97.8	98.0	98.0	98.0	98.3	98.9	99.4	
IV 100		80.8	85.9	86.4	93.4	95.1	96.6	97.6	97.6	97.8	98.0	98.0	98.0	98.3	98.9	99.8	
IV 0		80.8	85.9	86.4	93.4	95.1	96.6	97.6	97.6	97.9	98.1	98.1	98.1	98.4	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		37.4	41.3	42.0	47.1	48.0	48.2	48.9	49.0	49.6	49.7	49.8	50.0	50.2	50.7	51.8
≥ 7000		40.6	44.4	45.2	50.9	52.0	52.2	53.0	53.1	53.7	53.8	53.9	54.1	54.3	54.8	56.0
IV 18000		40.8	44.7	45.4	51.1	52.2	52.4	53.2	53.3	53.9	54.0	54.1	54.3	54.6	55.0	56.2
IV 16000		40.9	44.8	45.6	51.2	52.3	52.6	53.3	53.4	54.0	54.1	54.2	54.4	54.7	55.1	56.3
IV 14000		41.2	45.1	45.9	51.6	52.7	52.9	53.7	53.8	54.3	54.4	54.6	54.8	55.0	55.4	56.7
IV 12000		41.8	45.7	46.4	52.1	53.2	53.4	54.2	54.3	54.9	55.0	55.1	55.3	55.6	56.0	57.2
IV 10000		45.8	50.4	51.2	57.2	58.3	58.6	59.3	59.4	60.0	60.1	60.2	60.4	60.7	61.1	62.3
IV 9000		46.3	51.0	51.8	57.8	58.9	59.1	59.9	60.0	60.6	60.7	60.8	61.0	61.2	61.7	62.9
IV 8000		48.8	53.9	54.7	61.0	62.1	62.4	63.3	63.6	64.3	64.4	64.6	64.8	65.0	65.4	66.9
IV 7000		50.3	55.4	56.2	62.6	63.7	64.0	64.9	65.1	66.0	66.1	66.2	66.6	66.8	67.2	68.7
IV 6000		51.6	56.7	57.4	63.8	64.9	65.2	66.1	66.3	67.4	67.6	67.7	68.0	68.2	68.7	70.1
IV 5000		55.8	61.0	61.8	68.1	69.2	69.6	70.4	70.7	71.8	71.9	72.0	72.3	72.6	73.0	74.4
IV 4500		59.8	65.0	65.8	72.2	73.3	73.7	74.6	74.8	75.9	76.0	76.1	76.4	76.7	77.1	78.6
IV 4000		61.6	67.8	68.8	75.2	76.3	76.8	77.7	77.9	79.0	79.1	79.2	79.6	79.8	80.2	81.7
IV 3500		66.7	72.2	73.2	80.1	81.2	81.7	82.6	82.8	83.9	84.0	84.1	84.4	84.7	85.1	86.6
IV 3000		69.9	75.6	76.7	84.1	85.3	86.0	86.9	87.1	88.3	88.4	88.6	88.9	89.1	89.6	91.0
IV 2500		71.2	77.1	78.2	86.2	87.4	88.1	89.2	89.4	90.7	90.8	90.9	91.2	91.4	91.9	93.3
IV 2000		72.7	78.7	79.8	88.3	89.6	90.3	91.6	91.8	93.0	93.1	93.2	93.6	93.8	94.2	95.7
IV 1800		72.7	78.7	79.8	88.3	89.7	90.4	91.7	91.9	93.1	93.2	93.3	93.7	93.9	94.3	95.8
IV 1500		72.9	79.3	80.4	89.1	90.4	91.4	92.8	93.0	94.2	94.3	94.4	94.8	95.0	95.4	96.9
IV 1200		73.0	79.4	80.6	89.3	90.8	91.8	93.1	93.3	94.6	94.7	94.8	95.1	95.3	95.8	97.2
IV 1000		73.3	79.9	81.0	90.0	91.4	92.6	94.0	94.2	95.4	95.6	95.7	96.0	96.2	96.7	98.1
IV 900		73.3	79.9	81.1	90.1	91.6	92.7	94.1	94.3	95.6	95.7	95.8	96.1	96.3	96.8	98.2
IV 800		73.4	80.0	81.2	90.2	91.7	92.8	94.2	94.4	95.7	95.8	95.9	96.2	96.4	96.9	98.3
IV 700		73.4	80.0	81.2	90.2	91.7	92.8	94.2	94.4	95.7	95.8	95.9	96.2	96.4	96.9	98.3
IV 600		73.4	80.0	81.2	90.2	91.7	92.8	94.2	94.4	95.7	95.8	95.9	96.2	96.4	96.9	98.3
IV 500		73.4	80.0	81.2	90.2	91.7	92.8	94.2	94.4	95.7	95.8	95.9	96.2	96.6	97.0	98.4
IV 400		73.4	80.0	81.2	90.2	91.7	92.8	94.3	94.6	95.8	96.0	96.2	96.6	96.9	97.4	98.9
IV 300		73.4	80.0	81.2	90.2	91.7	92.8	94.3	94.6	95.8	96.0	96.2	96.6	97.0	97.6	99.0
IV 200		73.4	80.0	81.2	90.2	91.7	92.8	94.3	94.6	95.8	96.0	96.2	96.6	97.0	97.6	99.0
IV 100		73.4	80.0	81.2	90.2	91.7	92.8	94.3	94.6	95.8	96.0	96.2	96.6	97.1	97.9	99.9
IV 0		73.4	80.0	81.2	90.2	91.7	92.8	94.3	94.6	95.8	96.0	96.2	96.6	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥¼	≥0
NO CEILING		44.2	46.8	47.1	50.8	51.7	52.3	53.0	53.0	53.2	53.3	53.4	53.4	53.4	53.4	54.4
≥ 20000		47.2	50.4	51.0	55.4	56.7	57.7	58.3	58.3	58.6	58.8	58.9	58.9	58.9	58.9	59.9
IV 18000		47.4	50.7	51.2	55.7	56.9	57.9	58.6	58.6	58.8	59.0	59.1	59.1	59.1	59.1	60.1
IV 16000		48.0	51.2	51.8	56.2	57.4	58.4	59.1	59.1	59.3	59.6	59.7	59.7	59.7	59.7	60.7
IV 14000		48.4	51.7	52.4	56.9	58.1	59.1	59.8	59.8	60.0	60.2	60.3	60.3	60.3	60.3	61.3
IV 12000		49.0	52.6	53.3	58.0	59.2	60.2	60.9	60.9	61.1	61.3	61.4	61.4	61.4	61.4	62.4
IV 10000		53.0	56.7	57.4	62.3	63.6	64.6	65.2	65.2	65.4	65.7	65.8	65.8	65.8	65.8	66.8
IV 9000		54.1	58.1	58.9	64.1	65.3	66.3	67.0	67.0	67.2	67.4	67.6	67.6	67.6	67.6	68.6
IV 8000		58.1	62.6	63.3	68.8	70.0	71.2	72.0	72.0	72.2	72.7	72.8	72.8	72.8	72.8	73.8
IV 7000		60.3	64.9	65.7	71.1	72.3	73.6	74.4	74.4	74.7	75.2	75.3	75.3	75.3	75.3	76.3
IV 6000		61.2	66.0	66.8	72.4	73.7	74.9	76.1	76.1	76.6	77.1	77.2	77.2	77.2	77.2	78.2
IV 5000		62.2	67.0	67.8	73.4	74.7	75.9	77.1	77.1	77.6	78.1	78.2	78.2	78.2	78.2	79.2
IV 4500		66.0	71.0	71.8	77.4	78.7	79.9	81.1	81.1	81.6	82.1	82.2	82.2	82.2	82.2	83.2
IV 4000		68.2	73.2	74.0	79.7	80.9	82.1	83.3	83.3	83.8	84.3	84.4	84.4	84.4	84.4	85.4
IV 3500		71.4	76.6	77.4	83.7	85.0	86.3	87.7	87.7	88.1	88.7	88.8	88.8	88.8	88.8	89.8
IV 3000		74.3	79.4	80.3	86.8	88.1	89.6	90.9	90.9	91.3	92.1	92.3	92.3	92.3	92.3	93.4
IV 2500		75.6	80.7	81.6	88.1	89.4	90.9	92.2	92.2	92.7	93.4	93.7	93.8	93.8	93.8	94.9
IV 2000		76.4	81.7	82.6	89.7	91.0	92.6	94.1	94.1	94.6	95.4	95.7	95.8	95.8	95.8	97.0
IV 1800		76.4	81.7	82.6	89.7	91.0	92.6	94.1	94.1	94.6	95.4	95.7	95.8	95.8	95.8	97.0
IV 1500		76.9	82.2	83.1	90.4	91.8	93.4	95.0	95.0	95.4	96.3	96.6	96.9	96.9	96.9	98.1
IV 1200		77.0	82.3	83.2	90.6	91.9	93.6	95.1	95.1	95.6	96.4	96.7	97.0	97.1	97.1	98.3
IV 1000		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.8	97.0	97.3	97.4	97.4	98.7
IV 900		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.8	97.0	97.3	97.4	97.4	98.7
IV 800		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.8	97.0	97.3	97.4	97.4	98.7
IV 700		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.8	97.0	97.3	97.4	97.4	98.7
IV 600		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.8	97.0	97.3	97.4	97.4	98.7
IV 500		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.8	97.1	97.4	97.7	97.9	99.1
IV 400		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.8	97.1	97.4	97.7	98.0	99.2
IV 300		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.9	97.2	97.6	97.8	98.1	99.3
IV 200		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.9	97.2	97.6	97.8	98.1	99.3
IV 100		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.9	97.2	97.8	98.1	98.4	99.8
IV 0		77.1	82.4	83.3	90.8	92.1	93.8	95.3	95.3	95.9	96.9	97.2	97.8	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		55.3	56.8	57.1	58.8	59.1	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.6	59.6
≥ 20000		60.4	62.6	62.9	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.9	65.9	65.9	66.0	66.0
≥ 18000		61.0	63.1	63.4	65.6	65.9	65.9	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.6	66.6
≥ 16000		61.2	63.3	63.7	65.8	66.1	66.1	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8
≥ 14000		62.2	64.3	64.7	66.8	67.1	67.1	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.8	67.8
≥ 12000		63.0	65.7	66.0	68.1	68.4	68.4	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.1	69.1
≥ 10000		65.2	68.0	68.3	70.6	70.9	70.9	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.6	71.6
≥ 9000		65.8	68.7	69.0	71.4	71.8	71.8	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4
≥ 8000		70.1	73.1	73.4	76.2	76.6	76.6	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2
≥ 7000		72.2	75.3	75.7	78.6	79.0	79.2	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9
≥ 6000		72.8	76.0	76.3	79.3	79.8	80.2	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9
≥ 5000		74.8	78.0	78.3	81.3	81.8	82.2	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9
≥ 4500		76.6	80.0	80.3	83.3	83.8	84.2	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9
≥ 4000		79.1	82.6	82.9	85.9	86.3	86.8	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4
≥ 3500		82.6	86.1	86.4	89.4	90.1	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2
≥ 3000		85.6	89.2	89.6	93.0	93.7	94.1	94.4	94.6	94.6	94.6	94.7	94.8	94.8	94.9	94.9
≥ 2500		86.6	90.3	90.7	94.1	94.8	95.2	95.6	95.7	95.7	95.7	95.8	95.9	95.9	96.0	96.1
≥ 2000		87.1	91.0	91.4	95.0	95.7	96.2	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.1	97.2
≥ 1800		87.2	91.1	91.6	95.1	95.8	96.3	96.7	96.8	96.9	96.9	97.0	97.1	97.1	97.2	97.3
≥ 1500		87.6	91.4	92.0	95.9	96.7	97.3	97.9	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.6
≥ 1200		87.7	91.7	92.2	96.1	97.0	97.8	98.3	98.4	98.6	98.6	98.7	98.8	98.8	98.9	99.0
≥ 1000		87.7	91.7	92.2	96.1	97.0	97.9	98.4	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.1
≥ 900		87.9	92.0	92.6	96.4	97.3	98.2	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.4
≥ 800		87.9	92.0	92.6	96.4	97.3	98.2	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.4
≥ 700		88.1	92.2	92.8	96.7	97.6	98.4	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.7
≥ 600		88.1	92.2	92.8	96.7	97.6	98.4	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.7
≥ 500		88.1	92.2	92.8	96.7	97.6	98.6	99.1	99.2	99.3	99.3	99.4	99.6	99.6	99.7	99.8
≥ 400		88.1	92.2	92.8	96.7	97.6	98.6	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9
≥ 300		88.1	92.2	92.8	96.7	97.6	98.6	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.9	100.0
≥ 200		88.1	92.2	92.8	96.7	97.6	98.6	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.9	100.0
≥ 100		88.1	92.2	92.8	96.7	97.6	98.6	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.9	100.0
≥ 0		88.1	92.2	92.8	96.7	97.6	98.6	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING		51.9	53.2	53.3	54.4	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 20000		58.0	59.4	59.5	60.6	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 18000		58.5	60.1	60.2	61.3	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0
≥ 16000		58.5	60.1	60.2	61.3	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0
≥ 14000		60.0	61.5	61.6	62.7	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 12000		61.2	62.8	63.0	64.1	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 10000		65.1	67.0	67.1	68.4	68.6	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1
≥ 9000		65.9	67.7	67.9	69.4	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 8000		70.5	72.7	72.9	74.6	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 7000		71.6	74.2	74.3	76.2	76.5	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 6000		72.5	75.2	75.3	77.2	77.5	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
≥ 5000		74.6	77.3	77.6	79.6	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 4500		76.4	79.1	79.4	81.5	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 4000		79.0	81.8	82.1	84.2	84.5	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 3500		82.3	85.1	85.4	87.7	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 3000		86.9	89.7	90.0	92.7	93.0	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 2500		88.4	91.2	91.5	94.4	94.8	95.3	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 2000		89.3	92.3	92.7	95.8	96.1	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 1800		89.5	92.5	93.0	96.2	96.6	97.1	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 1500		89.9	92.9	93.4	96.7	97.1	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1200		90.1	93.1	93.7	97.2	97.8	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1000		90.1	93.1	93.7	97.2	97.8	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 900		90.2	93.2	93.8	97.3	98.0	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 800		90.3	93.3	93.9	97.6	98.2	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 700		90.4	93.4	94.0	97.7	98.3	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 600		90.4	93.4	94.0	97.8	98.4	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500		90.5	93.5	94.1	97.9	98.6	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400		90.5	93.5	94.1	97.9	98.6	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300		90.5	93.5	94.1	97.9	98.6	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200		90.5	93.5	94.1	97.9	98.6	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100		90.5	93.5	94.1	97.9	98.6	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0		90.5	93.5	94.1	97.9	98.6	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO

STATION NAME

68-70,73-79

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING		53.4	54.2	54.4	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.1
IV 20000		57.9	58.7	53.9	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0
IV 18000		58.1	58.9	59.1	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.2
IV 16000		58.2	59.0	59.2	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2	62.2	62.2	62.3
IV 14000		58.6	59.3	59.6	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.7	62.7	62.7	62.8
IV 12000		60.3	61.1	61.3	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.7	64.7	64.7	64.8
IV 10000		63.6	64.3	64.6	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.3
IV 9000		64.4	65.2	65.4	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.3
IV 8000		67.7	68.6	68.8	72.7	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.2
IV 7000		70.3	71.3	71.7	75.6	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.2
IV 6000		71.2	72.3	72.8	76.7	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.3
IV 5000		73.0	74.3	74.9	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.6
IV 4500		75.1	76.4	77.0	81.0	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.6	81.6	81.6	81.7
IV 4000		77.6	79.0	79.6	83.6	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.2
IV 3500		82.6	84.1	84.7	89.2	89.3	89.4	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.9
IV 3000		85.4	87.2	87.8	92.4	92.6	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.1
IV 2500		86.7	88.6	89.1	93.8	94.1	94.2	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.1
IV 2000		87.7	89.7	90.3	95.2	95.6	95.7	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.6
IV 1800		88.1	90.1	90.8	95.7	96.0	96.1	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	97.0
IV 1500		83.3	90.3	91.1	96.1	96.7	96.8	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.7
IV 1200		88.8	90.8	91.6	96.7	97.3	97.4	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.3
IV 1000		88.6	90.9	91.7	96.8	97.6	97.8	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.7
IV 900		88.9	91.0	91.8	96.9	97.7	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.8
IV 800		39.0	91.1	91.9	97.0	97.8	98.1	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0
IV 700		89.0	91.2	92.0	97.1	97.9	98.3	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.2
IV 600		89.0	91.2	92.0	97.1	97.9	98.4	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4
IV 500		89.0	91.2	92.0	97.1	97.9	98.4	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4
IV 400		89.1	91.3	92.1	97.2	98.1	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7
IV 300		89.1	91.3	92.1	97.2	98.1	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7
IV 200		89.1	91.3	92.1	97.2	98.1	98.7	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.9	100.0
IV 100		89.1	91.3	92.1	97.2	98.1	98.7	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.9	100.0
IV 0		89.1	91.3	92.1	97.2	98.1	98.7	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS - U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING		54.6	56.6	57.1	59.2	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.8	60.0	60.2	60.2
≥ 20000		57.2	59.3	60.0	62.2	62.3	62.5	62.7	62.7	62.7	62.8	62.8	63.1	63.2	63.4	63.5
≥ 18000		57.4	59.5	60.2	62.4	62.5	62.7	63.0	63.0	63.0	63.1	63.1	63.3	63.4	63.6	63.7
≥ 16000		57.6	59.7	60.4	62.6	62.7	63.0	63.2	63.2	63.2	63.3	63.3	63.5	63.6	63.8	64.0
≥ 14000		57.6	59.7	60.4	62.6	62.7	63.0	63.2	63.2	63.2	63.3	63.3	63.5	63.6	63.8	64.0
≥ 12000		58.6	60.6	61.5	64.0	64.1	64.3	64.5	64.5	64.5	64.6	64.6	64.8	65.0	65.2	65.3
≥ 10000		61.3	63.8	64.5	67.0	67.1	67.4	67.6	67.6	67.6	67.7	67.7	68.0	68.1	68.3	68.4
≥ 9000		62.0	64.5	65.2	67.6	67.7	68.1	68.3	68.3	68.3	68.4	68.4	68.6	68.7	69.0	69.1
≥ 8000		65.0	67.5	68.2	70.7	70.9	71.2	71.4	71.4	71.4	71.5	71.5	71.7	71.9	72.1	72.2
≥ 7000		67.7	70.3	71.0	73.5	73.6	74.0	74.2	74.2	74.2	74.3	74.3	74.5	74.6	74.9	75.0
≥ 6000		69.4	72.0	72.6	75.3	75.4	75.8	76.0	76.0	76.0	76.1	76.1	76.3	76.4	76.6	76.8
≥ 5000		71.4	74.1	74.9	77.6	77.8	78.2	78.4	78.4	78.4	78.5	78.5	78.8	78.9	79.1	79.2
≥ 4500		75.2	77.9	78.6	81.4	81.6	82.1	82.3	82.3	82.3	82.4	82.4	82.6	82.8	83.0	83.1
≥ 4000		77.6	80.4	81.2	84.3	84.5	85.0	85.2	85.2	85.2	85.3	85.3	85.5	85.7	85.9	86.0
≥ 3500		82.1	84.9	85.8	89.0	89.3	89.8	90.0	90.0	90.0	90.1	90.1	90.3	90.4	90.7	90.8
≥ 3000		84.2	87.1	88.0	91.5	91.9	92.3	92.5	92.5	92.5	92.7	92.7	92.9	93.0	93.2	93.3
≥ 2500		84.9	87.9	88.8	92.4	92.8	93.2	93.7	93.7	93.7	93.8	93.8	94.0	94.1	94.3	94.4
≥ 2000		86.2	89.5	90.4	94.3	94.9	95.3	95.8	95.9	95.9	96.0	96.0	96.4	96.6	96.8	96.9
≥ 1800		86.3	89.8	90.7	94.5	95.1	95.6	96.0	96.1	96.1	96.2	96.2	96.7	96.8	97.0	97.1
≥ 1500		86.5	90.1	91.0	95.1	95.7	96.1	96.6	96.7	96.7	96.8	96.8	97.2	97.3	97.6	97.7
≥ 1200		86.6	90.3	91.3	95.4	96.0	96.6	97.0	97.1	97.1	97.2	97.2	97.7	97.8	98.0	98.1
≥ 1000		86.8	90.3	91.3	95.6	96.1	96.7	97.1	97.2	97.2	97.4	97.4	97.9	98.0	98.2	98.3
≥ 900		86.8	90.3	91.3	95.6	96.1	96.8	97.2	97.3	97.3	97.6	97.6	98.0	98.1	98.3	98.4
≥ 800		86.8	90.3	91.3	95.7	96.3	97.0	97.4	97.6	97.6	97.8	97.8	98.2	98.3	98.6	98.7
≥ 700		86.8	90.3	91.3	95.7	96.3	97.0	97.4	97.6	97.6	97.8	97.8	98.2	98.3	98.6	98.7
≥ 600		86.8	90.3	91.3	95.7	96.3	97.0	97.4	97.6	97.7	97.9	97.9	98.3	98.4	98.7	98.8
≥ 500		86.8	90.3	91.3	95.9	96.6	97.2	97.9	98.0	98.1	98.3	98.3	98.8	98.9	99.1	99.2
≥ 400		86.8	90.3	91.3	95.9	96.6	97.2	98.1	98.2	98.3	98.6	98.6	99.0	99.1	99.3	99.4
≥ 300		86.8	90.3	91.3	95.9	96.6	97.2	98.1	98.2	98.4	98.7	98.7	99.1	99.2	99.4	99.6
≥ 200		86.8	90.3	91.3	95.9	96.6	97.2	98.1	98.2	98.6	98.8	98.8	99.3	99.4	99.7	99.8
≥ 100		86.8	90.3	91.3	95.9	96.6	97.2	98.1	98.2	98.6	98.8	98.8	99.3	99.6	99.9	100.0
≥ 0		86.8	90.3	91.3	95.9	96.6	97.2	98.1	98.2	98.6	98.8	98.8	99.3	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

68-70,73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING		48.7	51.0	51.4	54.3	54.8	55.0	55.3	55.3	55.5	55.5	55.6	55.6	55.7	55.9	56.2
IV 20000		52.5	55.1	55.6	58.8	59.4	59.6	60.0	60.1	60.2	60.3	60.4	60.4	60.5	60.7	61.1
IV 18000		52.8	55.4	55.9	59.1	59.7	59.9	60.3	60.3	60.5	60.6	60.7	60.7	60.8	61.0	61.4
IV 16000		53.0	55.5	56.0	59.2	59.8	60.1	60.5	60.5	60.7	60.8	60.8	60.9	60.9	61.1	61.5
IV 14000		53.5	56.0	56.5	59.8	60.4	60.6	61.0	61.0	61.2	61.3	61.3	61.4	61.5	61.7	62.1
IV 12000		54.4	57.1	57.6	60.9	61.6	61.8	62.2	62.2	62.4	62.5	62.6	62.6	62.7	62.9	63.3
IV 10000		57.4	60.4	60.9	64.4	65.1	65.4	65.7	65.8	65.9	66.0	66.1	66.2	66.2	66.4	66.8
IV 9000		58.1	61.1	61.7	65.3	65.9	66.2	66.6	66.6	66.8	66.9	66.9	67.0	67.1	67.3	67.6
IV 8000		61.3	64.5	65.0	68.9	69.6	69.9	70.3	70.4	70.6	70.7	70.8	70.8	70.9	71.1	71.5
IV 7000		63.8	67.1	67.7	71.6	72.3	72.7	73.1	73.2	73.4	73.5	73.5	73.6	73.7	73.9	74.3
IV 6000		64.8	68.2	68.8	72.8	73.4	73.9	74.3	74.4	74.6	74.8	74.8	74.9	75.0	75.1	75.6
IV 5000		67.5	70.9	71.6	75.7	76.3	76.8	77.2	77.3	77.5	77.7	77.7	77.8	77.9	78.1	78.5
IV 4500		70.7	74.2	74.8	79.0	79.7	80.1	80.6	80.6	80.9	81.0	81.1	81.2	81.2	81.4	81.8
IV 4000		73.4	76.9	77.6	81.8	82.5	82.9	83.4	83.4	83.7	83.8	83.9	84.0	84.0	84.2	84.6
IV 3500		77.5	81.1	81.8	86.3	87.1	87.5	88.0	88.1	88.3	88.5	88.5	88.6	88.7	88.8	89.3
IV 3000		80.3	84.0	84.8	89.6	90.3	90.9	91.4	91.5	91.8	91.9	92.0	92.1	92.2	92.3	92.8
IV 2500		81.6	85.5	86.2	91.3	92.1	92.6	93.3	93.4	93.6	93.8	93.9	94.0	94.1	94.2	94.7
IV 2000		82.6	86.6	87.4	92.7	93.5	94.2	94.9	95.0	95.3	95.5	95.5	95.7	95.7	95.9	96.4
IV 1800		82.8	86.8	87.6	92.9	93.8	94.4	95.2	95.2	95.5	95.7	95.8	95.9	96.0	96.2	96.6
IV 1500		83.0	87.1	88.0	93.7	94.6	95.3	96.1	96.2	96.5	96.7	96.7	96.9	97.0	97.2	97.6
IV 1200		83.2	87.3	88.2	94.0	95.0	95.7	96.6	96.7	96.9	97.2	97.2	97.4	97.5	97.7	98.1
IV 1000		83.3	87.5	88.3	94.2	95.2	96.0	96.9	97.0	97.3	97.5	97.6	97.7	97.8	98.0	98.5
IV 900		83.4	87.6	88.4	94.3	95.3	96.2	97.0	97.1	97.4	97.7	97.7	97.9	98.0	98.2	98.6
IV 800		83.5	87.6	88.5	94.5	95.5	96.4	97.3	97.3	97.7	97.9	98.0	98.1	98.2	98.4	98.9
IV 700		83.5	87.7	88.6	94.6	95.6	96.5	97.3	97.4	97.7	98.0	98.0	98.2	98.3	98.5	98.9
IV 600		83.5	87.7	88.6	94.6	95.6	96.5	97.4	97.5	97.8	98.0	98.1	98.3	98.4	98.6	99.0
IV 500		83.5	87.7	88.6	94.6	95.7	96.6	97.5	97.6	97.9	98.2	98.2	98.5	98.6	98.8	99.3
IV 400		83.5	87.7	88.6	94.6	95.7	96.6	97.6	97.7	98.0	98.3	98.3	98.6	98.7	99.0	99.4
IV 300		83.5	87.7	88.6	94.6	95.7	96.6	97.6	97.7	98.0	98.3	98.4	98.6	98.7	99.0	99.5
IV 200		83.5	87.7	88.6	94.6	95.7	96.6	97.6	97.7	98.0	98.3	98.4	98.7	98.8	99.1	99.6
IV 100		83.5	87.7	88.6	94.7	95.7	96.6	97.6	97.7	98.1	98.3	98.4	98.7	98.9	99.2	99.9
IV 0		83.5	87.7	88.6	94.7	95.7	96.6	97.6	97.7	98.1	98.3	98.4	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219

KUNSAN AB KO

68-70,73-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		40.3	44.5	44.9	48.8	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	50.2
≥ 20000		44.7	49.2	49.7	54.0	54.2	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.6
≥ 18000		45.3	49.8	50.2	54.5	54.7	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	56.1
IV 16000		45.3	49.8	50.2	54.5	54.7	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	56.1
IV 14000		45.6	50.1	50.5	54.8	55.1	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.5
IV 12000		46.0	50.5	51.0	55.3	55.5	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.9
IV 10000		47.4	52.0	52.6	57.2	57.4	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.8
IV 9000		47.6	52.3	52.9	57.5	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	59.1
IV 8000		50.5	56.0	56.7	61.5	61.7	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	63.1
IV 7000		51.9	57.4	58.1	63.0	63.2	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.6
IV 6000		53.2	58.7	59.4	64.5	64.7	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	66.1
IV 5000		55.8	61.3	61.9	67.1	67.3	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.7
IV 4500		60.8	66.7	67.3	73.3	73.7	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	75.3
IV 4000		63.1	69.4	70.0	76.5	76.8	77.6	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.5
IV 3500		68.9	75.7	76.3	83.0	83.4	84.4	84.5	84.5	84.7	84.8	84.8	84.8	84.9	84.9	85.5
IV 3000		74.3	81.2	81.8	88.8	89.4	90.4	90.6	90.6	91.0	91.2	91.2	91.2	91.3	91.3	91.8
IV 2500		74.6	81.7	82.4	89.8	90.4	91.6	91.8	92.0	92.4	92.6	92.6	92.6	92.8	92.8	93.3
IV 2000		76.0	83.3	84.1	92.4	93.0	94.5	94.9	95.2	95.5	95.8	95.8	96.0	96.0	96.0	96.7
IV 1800		76.1	83.4	84.2	92.7	93.3	94.8	95.3	95.5	95.8	96.1	96.1	96.3	96.3	96.3	97.0
IV 1500		76.1	83.5	84.3	92.9	93.5	95.2	95.6	95.8	96.1	96.5	96.5	96.7	96.7	96.7	97.3
IV 1200		76.2	83.7	84.4	93.0	93.7	95.4	96.1	96.3	96.8	97.1	97.1	97.3	97.3	97.3	98.0
IV 1000		76.2	83.7	84.4	93.0	93.7	95.5	96.3	96.6	97.0	97.3	97.3	97.6	97.6	97.6	98.3
IV 900		76.2	83.7	84.4	93.0	93.7	95.5	96.3	96.6	97.0	97.3	97.3	97.6	97.6	97.6	98.3
IV 800		76.2	83.7	84.4	93.0	93.7	95.5	96.3	96.6	97.0	97.3	97.3	97.6	97.6	97.6	98.3
IV 700		76.2	83.7	84.4	93.0	93.7	95.7	96.6	96.9	97.3	97.6	97.6	98.0	98.0	98.0	98.6
IV 600		76.2	83.7	84.4	93.0	93.7	95.7	96.7	97.0	97.4	97.7	97.7	98.1	98.1	98.1	98.8
IV 500		76.2	83.7	84.4	93.2	94.0	96.0	97.0	97.3	97.7	98.1	98.1	98.5	98.5	98.5	99.2
IV 400		76.2	83.7	84.4	93.2	94.0	96.0	97.0	97.3	97.7	98.1	98.1	98.5	98.5	98.5	99.2
IV 300		76.2	83.7	84.4	93.2	94.0	96.0	97.0	97.3	97.7	98.1	98.1	98.5	98.5	98.5	99.2
IV 200		76.2	83.7	84.4	93.2	94.0	96.0	97.0	97.3	97.7	98.1	98.1	98.5	98.5	98.5	99.2
IV 100		76.2	83.7	84.4	93.2	94.0	96.0	97.0	97.3	97.7	98.1	98.1	98.5	98.5	98.5	99.2
IV 0		76.2	83.7	84.4	93.2	94.0	96.0	97.0	97.3	97.7	98.1	98.1	98.5	98.5	98.5	99.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING ≥ 20000		36.3 40.6	40.6 45.2	41.1 45.6	45.6 50.8	46.2 51.5	46.2 51.5	46.2 51.5	46.2 51.5	46.2 51.5	46.5 51.7	46.5 51.7	46.5 51.7	46.6 51.8	46.7 51.9	47.0 52.3
IV 18000 IV 16000		40.9 40.9	45.5 45.5	45.9 45.9	51.2 51.2	51.9 51.9	51.9 51.9	51.9 51.9	51.9 51.9	51.9 51.9	52.2 52.2	52.2 52.2	52.2 52.2	52.3 52.3	52.4 52.4	52.7 52.7
IV 14000 IV 12000		41.1 41.4	45.7 46.0	46.1 46.5	51.4 51.7	52.2 52.5	52.2 52.5	52.2 52.5	52.2 52.5	52.2 52.5	52.4 52.7	52.4 52.7	52.4 52.7	52.5 52.8	52.6 52.9	52.9 53.2
IV 10000 IV 9000		43.2 43.7	47.8 48.3	48.3 48.8	53.8 54.3	54.5 55.1	54.5 55.1	54.5 55.1	54.5 55.1	54.5 55.1	54.7 55.3	54.7 55.3	54.7 55.3	54.8 55.4	54.9 55.5	55.3 55.8
IV 8000 IV 7000		46.6 48.6	51.7 53.8	52.4 54.5	58.2 60.5	58.9 61.3	59.0 61.4	59.0 61.5	59.0 61.5	59.0 61.5	59.2 61.7	59.2 61.7	59.2 61.7	59.4 61.8	59.5 61.9	59.8 62.3
IV 6000 IV 5000		49.5 5.4	54.6 57.6	55.4 58.4	61.5 64.8	62.3 65.6	62.5 65.8	62.6 65.9	62.6 65.9	62.6 65.9	62.8 66.1	62.8 66.1	62.8 66.1	62.9 66.2	63.0 66.3	63.3 66.7
IV 4500 IV 4000		57.1 60.4	62.4 66.0	63.1 66.8	69.7 74.1	70.4 74.8	70.9 75.3	71.0 75.4	71.0 75.4	71.0 75.4	71.2 75.6	71.2 75.6	71.3 75.7	71.4 75.8	71.5 75.9	71.8 76.2
IV 3500 IV 3000		65.8 69.5	71.9 76.1	72.7 76.9	80.9 86.0	81.7 86.9	82.2 87.3	82.3 87.7	82.3 87.7	82.4 87.8	82.6 88.1	82.6 88.1	82.7 88.2	82.8 88.4	82.9 88.5	83.2 88.8
IV 2500 IV 2000		70.1 72.0	77.1 79.6	77.8 80.4	87.2 90.5	88.3 92.0	88.7 92.8	89.1 93.2	89.1 93.5	89.5 94.1	89.7 94.5	89.7 94.5	89.8 94.6	90.0 94.9	90.1 95.1	90.4 95.4
IV 1800 IV 1500		72.2 72.3	79.7 79.8	80.5 80.6	90.6 90.9	92.2 92.4	92.9 93.4	93.3 94.0	93.7 94.3	94.2 94.8	94.6 95.3	94.6 95.3	94.7 95.4	95.1 95.7	95.2 95.8	95.5 96.1
IV 1200 IV 1000		72.7 72.7	80.2 80.2	81.1 81.1	91.3 91.4	92.9 93.0	94.2 94.4	94.7 95.1	95.1 95.4	95.6 96.0	96.1 96.6	96.1 96.6	96.2 96.7	96.6 97.0	96.7 97.1	97.0 97.4
IV 900 IV 800		72.7 72.8	80.2 80.4	81.3 81.5	91.6 91.8	93.2 93.4	94.6 94.8	95.3 95.5	95.6 95.8	96.3 96.7	96.9 97.3	96.9 97.3	97.1 97.5	97.4 97.8	97.5 98.0	97.8 98.3
IV 700 IV 600		72.8 72.8	80.4 80.4	81.5 81.5	91.8 91.8	93.4 93.4	94.8 94.9	95.5 95.6	95.8 95.9	96.7 96.8	97.3 97.4	97.3 97.4	97.5 97.6	97.8 98.0	98.0 98.1	98.3 98.4
IV 500 IV 400		72.8 72.8	80.4 80.4	81.5 81.5	91.9 91.9	93.5 93.5	95.1 95.1	95.7 95.7	96.0 96.0	96.9 96.9	97.6 97.7	97.6 97.8	98.1 98.4	98.4 98.7	98.5 98.8	99.1 99.5
IV 300 IV 200		72.8 72.8	80.4 80.4	81.5 81.5	91.9 91.9	93.5 93.5	95.1 95.1	95.7 95.7	96.0 96.0	96.9 97.0	97.7 97.8	97.8 98.0	98.4 98.5	98.7 98.8	98.8 98.9	99.5 99.9
IV 100 IV 0		72.8 72.8	80.4 80.4	81.5 81.5	91.9 91.9	93.5 93.5	95.1 95.1	95.7 95.7	96.0 96.0	97.0 97.0	97.8 97.8	98.0 98.0	98.5 98.5	98.8 98.8	98.9 98.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219 KUNSAN AB KO

68-70,73-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		30.6	34.1	34.7	41.2	41.6	42.5	42.8	42.9	42.9	43.1	43.1	43.3	43.3	43.4	43.8
≥ 20000		33.7	37.7	38.3	45.0	45.3	46.3	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.1	47.6
≥ 18000		33.9	37.9	38.5	45.2	45.5	46.5	46.8	46.9	46.9	47.0	47.0	47.3	47.3	47.4	47.8
≥ 16000		33.9	37.9	38.5	45.2	45.5	46.5	46.8	46.9	46.9	47.0	47.0	47.3	47.3	47.4	47.8
≥ 14000		34.0	38.0	38.6	45.3	45.6	46.6	46.9	47.0	47.0	47.1	47.1	47.4	47.4	47.5	47.9
≥ 12000		34.8	38.8	39.4	46.1	46.4	47.4	47.7	47.8	47.8	47.9	47.9	48.1	48.1	48.2	48.7
≥ 10000		36.6	40.8	41.7	48.5	48.9	49.8	50.2	50.3	50.3	50.4	50.4	50.6	50.6	50.7	51.1
≥ 9000		36.9	41.2	42.2	49.2	49.5	50.5	50.8	50.9	50.9	51.0	51.0	51.2	51.2	51.3	51.8
≥ 8000		40.7	45.9	46.8	54.5	54.9	56.0	56.3	56.4	56.4	56.5	56.5	56.7	56.7	56.8	57.3
≥ 7000		42.1	47.6	48.5	56.2	56.6	57.7	58.0	58.1	58.1	58.2	58.2	58.4	58.4	58.6	59.0
≥ 6000		43.7	49.4	50.5	58.1	58.6	59.6	60.0	60.1	60.1	60.2	60.2	60.4	60.4	60.5	60.9
≥ 5000		46.7	52.4	53.5	61.4	61.8	62.9	63.2	63.4	63.4	63.5	63.5	63.7	63.7	63.8	64.3
≥ 4500		52.1	58.0	59.1	67.2	67.7	68.8	69.1	69.3	69.3	69.5	69.5	69.8	69.8	69.9	70.3
≥ 4000		55.5	61.8	62.9	71.4	72.0	73.1	73.6	73.8	73.8	74.1	74.1	74.3	74.4	74.5	75.0
≥ 3500		60.0	66.4	67.5	77.2	77.9	79.1	79.7	79.9	79.9	80.1	80.1	80.3	80.4	80.5	81.1
≥ 3000		64.4	71.0	72.1	83.0	84.0	85.4	86.0	86.3	86.3	86.5	86.5	86.9	87.0	87.1	87.8
≥ 2500		65.7	72.6	73.7	85.5	86.4	88.1	88.8	89.2	89.3	89.6	89.6	89.9	90.1	90.2	91.0
≥ 2000		67.5	74.7	75.9	88.5	89.6	91.7	92.5	92.9	93.0	93.2	93.2	93.9	94.1	94.3	95.0
≥ 1800		67.5	74.7	75.9	88.6	90.0	92.1	92.9	93.3	93.4	93.6	93.6	94.3	94.5	94.7	95.5
≥ 1500		68.4	75.7	76.9	89.8	91.2	93.3	94.3	94.7	94.8	95.0	95.0	95.7	95.9	96.1	96.9
≥ 1200		68.5	75.8	77.0	90.0	91.4	93.6	94.6	95.0	95.2	95.4	95.4	96.0	96.2	96.4	97.2
≥ 1000		68.6	75.9	77.1	90.1	91.5	93.9	94.9	95.4	95.5	95.7	95.7	96.3	96.6	96.8	97.5
≥ 900		68.7	76.0	77.2	90.2	91.7	94.1	95.2	95.6	95.7	95.9	95.9	96.6	96.8	97.0	97.7
≥ 800		68.7	76.0	77.2	90.2	91.8	94.2	95.3	95.7	95.8	96.0	96.0	96.8	97.1	97.3	98.1
≥ 700		68.7	76.0	77.2	90.2	91.8	94.2	95.3	95.7	95.8	96.0	96.0	96.8	97.1	97.4	98.2
≥ 600		68.7	76.0	77.2	90.2	91.8	94.3	95.4	95.8	96.0	96.2	96.2	97.0	97.3	97.6	98.4
≥ 500		68.7	76.0	77.2	90.2	91.8	94.3	95.4	95.8	96.0	96.4	96.4	97.2	97.5	98.1	98.9
≥ 400		68.7	76.0	77.2	90.2	91.8	94.3	95.4	95.8	96.0	96.4	96.4	97.2	97.5	98.1	98.9
≥ 300		68.7	76.0	77.2	90.2	91.8	94.3	95.4	95.8	96.0	96.4	96.4	97.3	97.7	98.3	99.1
≥ 200		68.8	76.1	77.3	90.3	91.9	94.4	95.5	95.9	96.2	96.7	96.7	97.6	98.1	99.1	100.0
≥ 100		68.8	76.1	77.3	90.3	91.9	94.4	95.5	95.9	96.2	96.7	96.7	97.6	98.1	99.1	100.0
≥ 0		68.8	76.1	77.3	90.3	91.9	94.4	95.5	95.9	96.2	96.7	96.7	97.6	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AS KO
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		32.9	37.8	38.7	45.4	46.1	47.1	47.3	47.3	47.5	47.7	47.8	48.0	48.1	48.5	49.2
≥ 20000		35.9	41.3	42.2	49.4	50.1	51.1	51.3	51.3	51.5	51.7	51.8	51.9	52.0	52.5	53.2
IV 18000		36.2	41.6	42.5	49.7	50.4	51.4	51.6	51.6	51.8	52.0	52.2	52.3	52.4	52.8	53.5
IV 16000		36.2	41.6	42.5	49.7	50.4	51.4	51.6	51.6	51.8	52.0	52.2	52.3	52.4	52.8	53.5
IV 14000		36.5	41.9	43.0	50.2	51.0	51.9	52.2	52.2	52.4	52.6	52.7	52.8	52.9	53.3	54.1
IV 12000		38.1	43.7	44.7	52.3	53.0	54.0	54.2	54.2	54.4	54.6	54.7	54.8	54.9	55.4	56.1
IV 10000		39.2	44.9	46.0	54.2	55.1	56.0	56.2	56.2	56.5	56.7	56.8	56.9	57.0	57.4	58.2
IV 9000		39.9	45.7	46.9	55.2	56.1	57.1	57.3	57.3	57.5	57.7	57.8	58.0	58.1	58.5	59.2
IV 8000		42.0	48.1	49.2	58.8	59.8	60.8	61.0	61.0	61.2	61.4	61.5	61.6	61.7	62.2	62.9
IV 7000		43.4	50.4	51.6	61.3	62.3	63.3	63.5	63.5	63.8	64.0	64.1	64.2	64.3	64.7	65.5
IV 6000		43.9	50.9	52.0	61.8	62.8	63.9	64.1	64.1	64.3	64.5	64.6	64.7	64.8	65.3	66.0
IV 5000		45.5	52.5	53.7	63.7	64.6	65.7	65.9	65.9	66.1	66.3	66.5	66.6	66.7	67.1	67.8
IV 4500		49.4	56.7	57.8	68.4	69.4	70.4	70.6	70.6	70.9	71.1	71.2	71.3	71.4	71.8	72.6
IV 4000		52.9	60.6	61.9	73.0	74.1	75.5	75.7	75.7	75.9	76.1	76.2	76.5	76.6	77.0	77.7
IV 3500		57.2	65.4	66.8	78.6	79.8	81.2	81.4	81.4	81.7	81.9	82.0	82.3	82.4	82.8	83.5
IV 3000		60.0	68.4	69.9	82.5	83.8	85.4	85.6	85.7	86.0	86.3	86.6	86.9	87.0	87.5	88.3
IV 2500		61.2	69.8	71.3	84.5	86.0	88.0	88.4	88.5	88.8	89.2	89.5	89.8	89.9	90.4	91.2
IV 2000		62.8	71.5	73.1	87.0	88.5	90.6	91.1	91.2	91.5	92.2	92.5	93.2	93.3	93.9	94.7
IV 1800		62.8	71.5	73.1	87.0	88.5	90.6	91.1	91.2	91.5	92.2	92.5	93.2	93.3	93.9	94.7
IV 1500		62.9	71.6	73.2	87.5	89.4	91.7	92.2	92.3	92.9	93.5	93.9	94.7	94.9	95.6	96.5
IV 1200		63.1	71.8	73.5	88.0	89.8	92.2	92.6	92.7	93.3	94.0	94.3	95.2	95.4	96.0	96.9
IV 1000		63.2	71.9	73.7	88.2	90.0	92.5	92.9	93.0	93.8	94.5	94.8	95.8	96.1	96.8	97.6
IV 900		63.2	71.9	73.7	88.2	90.0	92.5	92.9	93.0	93.8	94.5	94.8	95.8	96.1	96.8	97.7
IV 800		63.2	71.9	73.7	88.2	90.0	92.5	92.9	93.0	93.9	94.8	95.2	96.1	96.5	97.1	98.2
IV 700		63.2	71.9	73.7	88.2	90.0	92.5	92.9	93.0	93.9	94.8	95.2	96.1	96.5	97.1	98.2
IV 600		63.2	71.9	73.7	88.2	90.1	92.6	93.0	93.1	94.0	95.3	95.7	96.7	97.0	97.6	98.7
IV 500		63.2	71.9	73.7	88.2	90.1	92.6	93.0	93.2	94.1	95.4	95.9	97.0	97.3	98.0	99.0
IV 400		63.2	71.9	73.7	88.2	90.1	92.6	93.1	93.3	94.2	95.5	96.0	97.1	97.4	98.1	99.1
IV 300		63.2	71.9	73.7	88.2	90.1	92.8	93.3	93.5	94.4	95.7	96.2	97.3	97.6	98.3	99.4
IV 200		63.2	71.9	73.7	88.2	90.1	92.8	93.3	93.5	94.4	95.7	96.2	97.3	97.6	98.3	99.8
IV 100		63.2	71.9	73.7	88.2	90.1	92.8	93.3	93.5	94.4	95.7	96.2	97.3	97.7	98.4	99.9
IV 0		63.2	71.9	73.7	88.2	90.1	92.8	93.3	93.5	94.4	95.7	96.2	97.3	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		45.1	47.6	47.8	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9
IV 20000		49.0	52.0	52.3	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9
IV 18000		49.4	52.4	52.6	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2
IV 16000		49.4	52.4	52.6	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2
IV 14000		49.4	52.5	52.7	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
IV 12000		51.3	54.6	54.8	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
IV 10000		51.9	55.6	55.8	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.0
IV 9000		53.0	56.7	56.9	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0	62.0
IV 8000		54.7	59.0	59.4	64.5	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.3
IV 7000		56.8	61.5	61.8	67.1	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8	67.8
IV 6000		57.0	61.7	62.0	67.3	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.1	68.1
IV 5000		58.4	63.2	63.5	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.9	69.9
IV 4500		61.5	66.3	66.7	72.5	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.2
IV 4000		67.6	72.8	73.1	79.1	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.2	80.2
IV 3500		71.5	77.2	77.5	84.1	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.4	85.4
IV 3000		75.4	81.6	81.9	89.7	90.2	90.6	90.9	90.9	91.0	91.1	91.1	91.1	91.2	91.3	91.3
IV 2500		76.2	82.6	82.9	90.9	91.4	92.2	92.4	92.5	92.6	92.7	92.7	92.8	93.1	93.2	93.2
IV 2000		77.2	83.5	83.9	92.3	92.8	93.5	93.9	94.1	94.3	94.4	94.4	94.7	95.1	95.3	95.3
IV 1800		77.2	83.5	83.9	92.3	92.8	93.5	93.9	94.2	94.4	94.5	94.5	94.8	95.2	95.4	95.4
IV 1500		77.5	84.0	84.3	92.7	93.3	94.2	94.5	94.8	95.3	95.4	95.4	95.8	96.2	96.5	96.5
IV 1200		77.7	84.4	84.7	93.2	93.9	94.7	95.1	95.5	95.9	96.0	96.0	96.5	97.0	97.2	97.2
IV 1000		78.0	84.7	85.1	93.7	94.3	95.3	95.8	96.2	96.7	97.0	97.0	97.6	98.2	98.6	98.6
IV 900		78.0	84.7	85.1	93.7	94.3	95.3	95.8	96.2	96.7	97.0	97.0	97.6	98.2	98.6	98.6
IV 800		78.0	84.7	85.1	93.7	94.3	95.3	95.8	96.2	96.7	97.0	97.0	97.7	98.3	98.9	99.1
IV 700		78.0	84.7	85.1	93.7	94.3	95.3	96.0	96.6	97.0	97.3	97.3	98.1	98.6	99.2	99.5
IV 600		78.0	84.7	85.1	93.7	94.3	95.3	96.0	96.6	97.0	97.3	97.3	98.1	98.6	99.2	99.5
IV 500		78.0	84.7	85.2	93.8	94.4	95.4	96.1	96.7	97.1	97.4	97.4	98.3	98.9	99.6	99.9
IV 400		78.0	84.7	85.2	93.8	94.5	95.5	96.2	96.8	97.2	97.5	97.5	98.4	99.0	99.7	100.0
IV 300		78.0	84.7	85.2	93.8	94.5	95.5	96.2	96.8	97.2	97.5	97.5	98.4	99.0	99.7	100.0
IV 200		78.0	84.7	85.2	93.8	94.5	95.5	96.2	96.8	97.2	97.5	97.5	98.4	99.0	99.7	100.0
IV 100		78.0	84.7	85.2	93.8	94.5	95.5	96.2	96.8	97.2	97.5	97.5	98.4	99.0	99.7	100.0
IV 0		78.0	84.7	85.2	93.8	94.5	95.5	96.2	96.8	97.2	97.5	97.5	98.4	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		45.0	46.6	46.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 20000		50.6	52.5	52.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 18000		51.5	53.3	53.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 16000		51.9	53.8	53.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 14000		52.5	54.3	54.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 12000		54.1	56.0	56.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 10000		56.1	58.4	58.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 9000		56.8	59.1	59.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 8000		60.0	62.6	62.6	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 7000		61.9	64.7	64.7	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 6000		62.8	65.6	65.6	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 5000		64.9	67.8	67.8	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 4500		67.9	70.8	70.9	74.6	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 4000		72.3	75.3	75.4	79.2	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3500		75.2	78.2	78.4	82.5	82.5	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 3000		80.1	83.3	83.6	88.5	88.6	88.9	89.1	89.2	89.4	89.4	89.4	89.5	89.7	89.7	89.7
IV 2500		81.9	85.2	85.6	90.7	90.8	91.3	91.7	91.8	92.0	92.1	92.1	92.3	92.5	92.5	92.5
IV 2000		83.0	86.9	87.3	92.6	92.7	93.2	93.9	94.0	94.3	94.4	94.4	94.6	94.7	94.7	94.7
IV 1800		83.3	87.2	87.6	92.9	93.0	93.5	94.2	94.3	94.6	94.9	94.9	95.2	95.4	95.4	95.4
IV 1500		83.8	87.7	88.1	93.5	93.8	94.4	95.2	95.3	95.6	95.9	95.9	96.1	96.3	96.3	96.3
IV 1200		83.9	88.1	88.7	94.1	94.3	94.9	95.7	95.8	96.3	96.9	96.9	97.1	97.3	97.3	97.3
IV 1000		83.9	88.3	88.8	94.6	94.8	95.5	96.2	96.3	97.0	97.6	97.6	98.0	98.2	98.3	98.3
IV 900		83.9	88.3	88.8	94.6	94.8	95.5	96.2	96.3	97.0	97.7	97.7	98.1	98.3	98.4	98.5
IV 800		84.1	88.5	89.0	94.8	95.0	95.7	96.4	96.6	97.2	98.0	98.0	98.3	98.5	98.6	98.9
IV 700		84.1	88.5	89.0	94.9	95.2	95.8	96.6	96.7	97.3	98.1	98.1	98.4	98.6	98.7	99.0
IV 600		84.1	88.5	89.0	94.9	95.2	95.8	96.6	96.7	97.3	98.1	98.1	98.4	98.6	98.7	99.0
IV 500		84.1	88.5	89.0	94.9	95.2	95.8	96.6	96.7	97.3	98.1	98.1	98.5	98.8	99.0	99.5
IV 400		84.1	88.5	89.0	94.9	95.2	95.8	96.6	96.7	97.3	98.2	98.2	98.8	99.1	99.5	99.9
IV 300		84.1	88.5	89.0	94.9	95.2	95.8	96.6	96.7	97.3	98.3	98.3	98.9	99.2	99.6	100.0
IV 200		84.1	88.5	89.0	94.9	95.2	95.8	96.6	96.7	97.3	98.3	98.3	98.9	99.2	99.6	100.0
IV 100		84.1	88.5	89.0	94.9	95.2	95.8	96.6	96.7	97.3	98.3	98.3	98.9	99.2	99.6	100.0
IV 0		84.1	88.5	89.0	94.9	95.2	95.8	96.6	96.7	97.3	98.3	98.3	98.9	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		45.8	48.3	48.4	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3
≥ 20000		49.7	52.3	52.4	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6
≥ 18000		50.4	53.0	53.1	55.8	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3
≥ 16000		50.4	53.0	53.1	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5
≥ 14000		50.4	53.0	53.1	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5
≥ 12000		51.5	54.1	54.2	57.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5
≥ 10000		53.4	56.3	56.6	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 9000		54.3	57.2	57.4	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9
≥ 8000		57.0	59.9	60.1	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.2
≥ 7000		58.8	61.8	62.2	66.0	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.7
≥ 6000		59.9	62.9	63.2	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7
≥ 5000		61.8	64.9	65.4	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.8
≥ 4500		66.3	69.7	70.1	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9
≥ 4000		69.0	72.7	73.1	78.8	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.6	79.6
≥ 3500		73.0	77.3	77.7	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.6
≥ 3000		77.0	82.0	82.5	89.4	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.3
≥ 2500		78.5	83.7	84.1	91.5	91.9	92.0	92.3	92.6	92.7	92.7	92.7	92.7	92.9	92.9	93.0
≥ 2000		79.5	84.6	85.2	92.9	93.3	93.9	94.2	94.5	94.9	94.9	94.9	94.9	95.2	95.2	95.3
≥ 1800		79.6	84.7	85.3	93.0	93.5	94.3	94.6	94.9	95.4	95.4	95.4	95.4	95.6	95.6	95.7
≥ 1500		80.0	85.2	85.7	93.5	94.2	95.2	95.7	96.0	96.5	96.5	96.5	96.5	96.7	96.7	97.0
≥ 1200		80.6	85.8	86.3	94.2	94.8	95.8	96.5	96.8	97.3	97.3	97.3	97.3	97.5	97.5	97.7
≥ 1000		81.1	86.3	86.9	94.9	95.6	96.6	97.3	97.7	98.4	98.4	98.4	98.4	98.6	98.6	98.9
≥ 900		81.1	86.3	86.9	94.9	95.7	96.7	97.4	97.8	98.5	98.5	98.5	98.5	98.7	98.7	98.9
≥ 800		81.1	86.3	86.9	94.9	95.7	96.7	97.5	98.0	98.6	98.7	98.7	98.7	99.0	99.0	99.2
≥ 700		81.1	86.3	86.9	94.9	95.7	96.7	97.5	98.0	98.6	98.7	98.7	98.7	99.0	99.0	99.2
≥ 600		81.2	86.5	87.0	95.2	95.9	96.9	97.7	98.2	98.8	98.9	98.9	98.9	99.2	99.2	99.5
≥ 500		81.2	86.5	87.0	95.2	95.9	96.9	97.7	98.2	98.8	98.9	98.9	98.9	99.5	99.5	99.7
≥ 400		81.2	86.5	87.0	95.2	95.9	96.9	97.7	98.2	98.8	98.9	98.9	98.9	99.5	99.5	99.8
≥ 300		81.2	86.5	87.0	95.2	95.9	96.9	97.7	98.2	98.8	98.9	98.9	98.9	99.5	99.5	99.9
≥ 200		81.2	86.5	87.0	95.2	95.9	96.9	97.7	98.2	98.8	98.9	98.9	98.9	99.5	99.5	100.0
≥ 100		81.2	86.5	87.0	95.2	95.9	96.9	97.7	98.2	98.8	98.9	98.9	98.9	99.5	99.5	100.0
≥ 0		81.2	86.5	87.0	95.2	95.9	96.9	97.7	98.2	98.8	98.9	98.9	98.9	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 16	≥ 1	≥ 0
NO CEILING		46.0	47.5	47.8	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0
≥ 20000		50.8	52.6	52.9	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5
≥ 18000		51.9	53.8	54.1	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 16000		51.9	53.8	54.1	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 14000		52.0	53.9	54.2	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8
≥ 12000		52.4	54.2	54.5	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 10000		54.1	56.1	56.8	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6
≥ 9000		54.2	56.2	56.9	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 8000		56.5	59.0	59.7	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8
≥ 7000		58.9	61.6	62.3	66.7	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
≥ 6000		60.0	62.9	63.5	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7
≥ 5000		61.6	64.6	65.3	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
≥ 4500		66.6	69.7	70.3	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 4000		69.6	72.7	73.4	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8
≥ 3500		74.4	77.6	78.4	84.7	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
≥ 3000		78.8	83.0	83.8	90.6	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥ 2500		80.3	84.6	85.4	92.7	93.4	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5
≥ 2000		81.1	85.5	86.2	94.3	95.3	96.0	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 1800		81.2	85.6	86.3	94.4	95.4	96.1	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 1500		81.3	85.7	86.5	94.7	95.7	96.6	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.6
≥ 1200		81.4	85.9	86.7	95.1	96.1	97.1	97.5	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.3
≥ 1000		81.4	85.9	86.7	95.2	96.3	97.3	97.7	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.6
≥ 900		81.4	85.9	86.7	95.3	96.5	97.4	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.7
≥ 800		81.4	85.9	86.7	95.4	96.6	97.6	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.9
≥ 700		81.4	85.9	86.7	95.4	96.6	97.6	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.9
≥ 600		81.4	85.9	86.7	95.4	96.6	97.6	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.9
≥ 500		81.4	85.9	86.7	95.4	96.6	97.8	98.5	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.4
≥ 400		81.4	85.9	86.7	95.4	96.6	97.8	98.5	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.8
≥ 300		81.4	85.9	86.7	95.4	96.6	97.8	98.5	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.9
≥ 200		81.4	85.9	86.7	95.4	96.6	97.8	98.5	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.9
≥ 100		81.4	85.9	86.7	95.4	96.6	97.8	98.5	98.7	98.9	99.0	99.2	99.2	99.2	99.2	100.0
≥ 0		81.4	85.9	86.7	95.4	96.6	97.8	98.5	98.7	98.9	99.0	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING		40.3	43.4	43.6	47.9	48.2	48.6	48.6	48.7	48.7	48.8	48.8	48.8	48.9	49.0	49.2
≥ 20000		44.4	47.8	48.2	52.8	53.1	53.5	53.6	53.6	53.6	53.7	53.7	53.8	53.8	53.9	54.2
IV 18000		44.9	48.4	48.8	53.3	53.7	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.4	54.5	54.8
IV 16000		45.0	48.5	48.8	53.4	53.8	54.1	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.6	54.8
IV 14000		45.2	48.7	49.1	53.7	54.0	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.8	55.1
IV 12000		46.2	49.7	50.1	54.8	55.1	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.8	55.9	56.2
IV 10000		47.8	51.5	52.0	56.9	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.9	57.9	58.1	58.3
IV 9000		48.3	52.1	52.6	57.5	57.9	58.3	58.4	58.4	58.4	58.5	58.5	58.6	58.6	58.8	59.0
IV 8000		51.0	55.3	55.9	61.3	61.7	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.6	62.9
IV 7000		52.8	57.3	58.0	63.5	64.0	64.4	64.5	64.5	64.5	64.6	64.6	64.7	64.7	64.9	65.1
IV 6000		53.7	58.3	59.0	64.6	65.0	65.4	65.6	65.6	65.6	65.7	65.7	65.8	65.8	66.0	66.2
IV 5000		55.9	60.5	61.2	67.2	67.6	68.0	68.2	68.2	68.2	68.3	68.3	68.4	68.4	68.6	68.8
IV 4500		60.2	65.0	65.7	72.1	72.5	73.0	73.1	73.2	73.2	73.3	73.3	73.4	73.4	73.6	73.8
IV 4000		63.8	68.9	69.6	76.4	76.9	77.4	77.6	77.6	77.7	77.8	77.8	77.9	77.9	78.1	78.4
IV 3500		68.3	73.7	74.4	81.9	82.4	83.0	83.2	83.2	83.3	83.4	83.4	83.5	83.6	83.8	84.0
IV 3000		72.4	78.3	79.1	87.3	88.0	88.7	89.0	89.0	89.2	89.3	89.3	89.5	89.6	89.7	90.0
IV 2500		73.6	79.7	80.4	89.1	89.8	90.7	91.1	91.3	91.4	91.6	91.6	91.8	91.9	92.1	92.4
IV 2000		74.9	81.2	82.0	91.3	92.1	93.3	93.7	94.0	94.3	94.5	94.6	94.9	95.0	95.2	95.5
IV 1800		75.0	81.3	82.1	91.4	92.3	93.5	94.0	94.2	94.5	94.8	94.8	95.1	95.3	95.5	95.8
IV 1500		75.3	81.6	82.5	91.9	92.9	94.2	94.8	95.0	95.4	95.7	95.7	96.1	96.2	96.5	96.8
IV 1200		75.5	82.0	82.8	92.3	93.4	94.7	95.3	95.6	96.0	96.4	96.4	96.7	96.9	97.2	97.5
IV 1000		75.6	82.1	83.0	92.6	93.7	95.1	95.8	96.1	96.6	96.9	97.0	97.4	97.6	97.9	98.2
IV 900		75.6	82.1	83.0	92.7	93.7	95.2	95.9	96.2	96.7	97.0	97.1	97.5	97.7	98.0	98.3
IV 800		75.7	82.2	83.0	92.8	93.8	95.3	96.0	96.3	96.8	97.2	97.3	97.7	97.9	98.3	98.7
IV 700		75.7	82.2	83.0	92.8	93.8	95.3	96.0	96.4	96.9	97.3	97.4	97.8	98.0	98.4	98.8
IV 600		75.7	82.2	83.1	92.8	93.9	95.4	96.1	96.4	97.0	97.4	97.5	98.0	98.2	98.5	99.0
IV 500		75.7	82.2	83.1	92.8	93.9	95.5	96.2	96.6	97.1	97.6	97.7	98.3	98.5	98.9	99.4
IV 400		75.7	82.2	83.1	92.8	93.9	95.5	96.3	96.6	97.1	97.7	97.8	98.4	98.6	99.1	99.6
IV 300		75.7	82.2	83.1	92.8	93.9	95.5	96.3	96.6	97.2	97.7	97.8	98.4	98.7	99.2	99.7
IV 200		75.7	82.2	83.1	92.9	94.0	95.5	96.3	96.6	97.2	97.8	97.9	98.5	98.7	99.3	99.9
IV 100		75.7	82.2	83.1	92.9	94.0	95.5	96.3	96.6	97.2	97.8	97.9	98.5	98.8	99.3	100.0
IV 0		75.7	82.2	83.1	92.9	94.0	95.5	96.3	96.6	97.2	97.8	97.9	98.5	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-80
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		45.9	43.4	48.6	51.3	51.6	51.8	52.0	52.0	52.1	52.1	52.1	52.1	52.2	52.2	52.3
≥ 20000		52.3	55.2	55.5	58.6	58.9	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.8
≥ 18000		52.9	55.9	56.2	59.3	59.6	59.9	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.5
≥ 16000		53.1	56.0	56.3	59.4	59.8	60.1	60.2	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.7
≥ 14000		53.7	56.7	57.0	60.1	60.5	60.7	60.9	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.4
≥ 12000		55.3	58.4	58.7	61.9	62.3	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.2
≥ 10000		58.3	61.6	61.9	65.4	65.8	66.1	66.3	66.4	66.4	66.5	66.5	66.6	66.6	66.7	66.8
≥ 9000		59.3	62.6	63.0	66.5	67.0	67.3	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.8	67.9
≥ 8000		62.8	66.4	66.8	70.7	71.1	71.5	71.7	71.7	71.8	71.9	71.9	71.9	71.9	72.0	72.2
≥ 7000		64.6	68.4	68.8	72.8	73.2	73.6	73.8	73.8	73.9	74.0	74.0	74.1	74.1	74.2	74.3
≥ 6000		65.3	69.1	69.5	73.6	74.1	74.4	74.7	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.2
≥ 5000		66.7	70.6	71.1	75.3	75.8	76.1	76.3	76.4	76.5	76.6	76.6	76.7	76.7	76.8	76.9
≥ 4500		68.9	73.0	73.4	77.8	78.3	78.7	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.5
≥ 4000		70.9	75.1	75.6	80.3	80.8	81.2	81.4	81.5	81.6	81.7	81.7	81.8	81.8	81.9	82.0
≥ 3500		73.3	77.6	78.1	83.0	83.6	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.9
≥ 3000		75.8	80.4	80.9	86.2	86.8	87.4	87.7	87.7	87.9	88.0	88.0	88.1	88.1	88.2	88.4
≥ 2500		77.1	81.8	82.3	88.0	88.6	89.2	89.5	89.6	89.8	89.9	89.9	90.0	90.0	90.1	90.3
≥ 2000		78.4	83.3	83.8	89.8	90.5	91.2	91.6	91.7	91.9	92.0	92.1	92.2	92.2	92.3	92.5
≥ 1800		78.6	83.5	84.1	90.2	90.9	91.6	92.0	92.1	92.3	92.4	92.5	92.6	92.6	92.7	92.9
≥ 1500		79.3	84.3	84.9	91.2	92.0	92.8	93.2	93.3	93.6	93.7	93.8	93.9	93.9	94.0	94.2
≥ 1200		79.8	84.9	85.6	92.0	92.8	93.6	94.1	94.2	94.5	94.7	94.7	94.8	94.9	95.0	95.1
≥ 1000		80.2	85.3	86.0	92.6	93.4	94.3	94.8	94.9	95.2	95.4	95.4	95.6	95.6	95.7	95.9
≥ 900		80.3	85.5	86.2	92.8	93.7	94.6	95.1	95.3	95.5	95.7	95.8	95.9	95.9	96.1	96.2
≥ 800		80.5	85.7	86.4	93.1	94.0	94.9	95.5	95.6	95.9	96.1	96.2	96.3	96.4	96.5	96.7
≥ 700		80.6	85.9	86.6	93.4	94.4	95.3	95.8	96.0	96.3	96.5	96.6	96.7	96.8	96.9	97.1
≥ 600		80.7	86.1	86.8	93.7	94.7	95.6	96.2	96.4	96.7	97.0	97.0	97.2	97.2	97.3	97.5
≥ 500		80.9	86.3	87.0	94.1	95.1	96.1	96.8	97.0	97.3	97.6	97.6	97.8	97.9	98.0	98.2
≥ 400		81.0	86.4	87.1	94.3	95.4	96.4	97.2	97.4	97.8	98.1	98.1	98.4	98.4	98.6	98.8
≥ 300		81.0	86.4	87.2	94.4	95.5	96.7	97.5	97.7	98.1	98.4	98.5	98.8	98.8	99.0	99.3
≥ 200		81.0	86.4	87.2	94.5	95.6	96.7	97.6	97.9	98.3	98.7	98.8	99.1	99.2	99.4	99.8
≥ 100		81.0	86.4	87.2	94.5	95.6	96.7	97.6	97.9	98.3	98.7	98.8	99.2	99.3	99.6	100.0
≥ 0		81.0	86.4	87.2	94.5	95.6	96.7	97.6	97.9	98.3	98.7	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 87614

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

(1) PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

STATION

KUNSAN AB KO

51-80

WAX

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]

USAFETAC FORM 0-21-5 (Oct 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION NAME

51-80

YEARS

MINIMUM

USAFETAC FORM 0-21.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE/MAC
43219 KUNSAN AB KO

STATION

KUNSAN AB KO

STATION NAME

51-8C

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

[illegible]**USAFETAC**FORM
10-11-64

USAFETAC FORM 0-21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

43219 KUNSAN AR KO 51-80
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51								94	81	80	68	54	
52	46*	47	54	78	82	90	93	95	84	74	69	51	95
53	50	50	64	70	80	81	90	95	86	79	66	67	95
54	45	59	68	72	82	87	87	91	90	73	67	57	91
55	44	63	64	75	77	88	93	91	88	78	67	57	93
56	48	55	67	69	79	84	95	97	92	77	68	54	97
57	49	44	58	72	82	82	85	93	83	75	68	54	93
58	54	59	72	79	81	87	94	91	84	75	65	55	94
59	43	53	63	71	74	85	90	95	84	78	70	60	95
60	54	54	63	73	79	87	91	96	85	75	69	58	96
61	41	51	67	73	76	85	91	91	90	78	67	56	91
62	44	58	62	66	80	84	93	91	87	78	73	56	93
63	42	45	66	72	77	82	91	93	84	74	65	56	93
64	54	43	64	77	79	85	92	91	85	76	63	55	92
65	45	52	58	69	75*	87	89	90	84	79	68	55	90
66	50	57	59	76	80	86	89	93	88	77	66	53	93
67	49	59	58	75	82	82	95	92	88	75	64	47	95
68	50	54	67	73	81	84	91	90	83	76	66	63	91
69	47	56	63	76	79	85	90	92	88	78	68	56	92
70	49	53	61	72	88	86	97	95	94	81	69	58	97
71	47	58	67	72	81	88	92	94	85	76	67	56	94
72	56	52	63	74	76	83	92	91	82	77	66	57	92
73	51	53	64	78	80	84	98	91	84	80	66	53	98
74	48	51	68	73	84	84	86	95	86	75	69	50	95
75	46	51	57	80	75	80	93	95	89	75	66	60	95
76	50	53	60	75	82	91	89*	89	82	73	66	53	91
77	41	55	60	71	82	81	93	89	91	82	69	60	93
78	51	55	64	73	84	84	96	91	86	82	62	62	96
79	57	62	64	71	77	80	87	91	81	77	75	55	91
80	55	54											
MEAN	48.5	53.9	63.0	73.4	79.8	84.7	91.5	92.6	86.0	77.0	67.3	56.1	93.8
S D	4.437	4.810	4.041	3.247	3.166	2.740	3.191	2.132	3.327	2.493	2.647	4.006	2.041
TOTAL OBS	899	818	868	840	868	839	868	898	870	899	870	899	10436

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL A)
JUL 64 # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

43219 KUNSAN AB KO

51-80

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
51								70	52	42	26	23	
52	18*	14	22	35	49	50	68	64	49	37	33	18	* 14
53	9	16	26	36	46	57	66	66	55	43	26	24	9
54	18	20	22	40	49	56	62	68	52	42	34	15	15
55	7	15	26	31	46	54	65	71	57	37	30	23	7
56	7	16	24	35	46	59	65	63	46	36	22	17	7
57	19	11	22	33	46	54	63	62	46	37	25	20	11
58	4	19	17	36	47	56	69	65	45	38	33	31	4
59	5	23	26	36	50	55	68	68	54	40	28	18	5
60	11	23	26	32	46	60	68	67	56	46	21	15	11
61	8	8	27	33	46	59	72	75	55	44	31	18	8
62	17	19	25	27	46	56	66	68	50	40	28	15	15
63	6	8	29	35	47	59	67	67	52	38	26	16	6
64	23	15	29	39	48	58	68	68	54	40	32	23	15
65	10	10	25	33	47*	59	65	70	55	43	28	11	10
66	10	16	29	34	46	58	63	66	52	44	21	11	10
67	3	20	26	37	50	60	64	75	56	43	29	5	3
68	15	10	28	37	50	55	68	66	48	39	33	17	10
69	12	10	23	34	46	55	62	70	60	42	29	15	10
70	5	19	24	35	53	60	68	73	60	44	19	21	9
71	9	20	20	38	47	63	72	68	56	40	25	20	9
72	27	25	22	32	43	61	63	60	55	41	26	21	21
73	15	21	24	30	48	53	68	69	51	39	24	8	8
74	12	10	21	37	42	53	64	62	51	37	26	26	10
75	24	23	28	37	46	57	66	69	59	44	26	12	12
76	6	24	28	35	44	57	60*	66	53	37	28	8	6
77	6	8	19	35	50	59	71	64	51	44	30	21	6
78	15	15	28	33	44	55	71	66	55	39	28	21	15
79	23	19	30	35	46	59	68	62	54	45	19	23	19
80	12	12											
MEAN	12.3	16.3	24.9	34.6	46.9	57.0	66.4	67.2	53.2	40.7	27.1	17.8	10.0
S D	6.617	5.372	3.341	2.765	2.372	2.902	3.132	3.775	3.678	2.914	4.126	5.846	4.578
TOTAL OBS	899	818	868	840	868	839	868	898	870	899	870	899	10436

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

69-70,73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45		1.0	.4	.2														15	15	5	3
44/ 43	.3	1.6	.9															26	26	7	6
42/ 41	.6	1.9	1.0	.2														35	35	30	19
40/ 39	.3	2.0	.8	.9														37	37	27	14
38/ 37	1.1	2.5	2.3	.8														61	61	37	28
36/ 35	.6	4.0	3.3	.3														77	77	44	34
34/ 33	1.7	3.3	4.2	.9														94	94	98	42
32/ 31	.5	4.4	1.5	.3	.1													64	64	95	40
30/ 29	.8	7.6	4.3	.2														119	119	91	63
28/ 27	2.0	9.1	1.8	.2														122	122	119	61
26/ 25	1.0	5.4	1.8															76	76	104	7
24/ 23	.2	3.5	1.8															51	51	70	105
22/ 21	.6	1.5	.2															25	25	46	70
20/ 19	.6	4.4	.2															50	50	31	75
18/ 17	.6	1.9	.3															27	27	51	50
16/ 15	1.2	1.7																27	27	33	42
14/ 13	.3	.5																8	8	22	35
12/ 11	.6	.2																8	8	11	40
10/ 9	.2																	2	2	3	42
8/ 7	.3																	3	3	3	18
6/ 5																					20
4/ 3																					10
2/ 1																					2
0/ -1																					1
TOTAL	13.9	56.6	25.4	4.0	.1													927	927	927	927
Element (X)	Σ x'		Σ x		Σ	Σ		No. Obs.		Mean No. of Hours with Temperature											Total
Rel. Hum.	5734498		71954		77.6	12.702		927		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						93
Dry Bulb	871986		27578		29.7	7.461		927							56.4						93
Wet Bulb	767540		25814		27.8	7.252		927							68.1						93
Dew Point	578593		21625		23.3	8.947		927		≤ 1	78.4										93

USAFETAC FORM 0-26-5 (OLA) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN

HOUMA (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

STATION

STATION NAME

YEARS

MONTH

1200-1400

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

1500-1700
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
56/ 55					.2													2	2					
54/ 53			.2	.1	.2													5	5					
52/ 51		.1	.3	.3	.1													8	8					
50/ 49			.2	.2														4	4	5				
48/ 47		.6	.4	.2	.1													13	13	10	1			
46/ 45		1.0	4.5	2.0	.9													78	78	16	10			
44/ 43		1.3	3.0	1.9	.2													60	60	15	11			
42/ 41	.2	2.9	4.7	2.7	.2													100	100	71	13			
40/ 39	.2	3.4	4.0	2.0	.4													94	94	67	41			
38/ 37	.3	2.5	3.7	3.2	.2													92	92	105	53			
36/ 35	.1	.9	4.7	3.4		.1												86	86	79	58			
34/ 33		1.1	3.0	3.3	.3													72	72	73	70			
32/ 31		.9	2.2	2.4	.2													52	52	94	32			
30/ 29		2.4	4.5	1.0														73	73	76	67			
28/ 27		2.4	3.4	.8														61	61	81	74			
26/ 25		1.2	1.9	.1														30	30	84	63			
24/ 23	.1	1.8	1.4	.3														34	34	42	70			
22/ 21	.3	1.7	1.4															32	32	41	48			
20/ 19	.1	1.4	1.1															24	24	25	72			
18/ 17	.2	.5																7	7	28	71			
16/ 15		.2																2	2	16	45			
14/ 13																				1	24			
12/ 11																					36			
10/ 9																					31			
8/ 7																					13			
6/ 5																					14			
4/ 3																					3			
2/ 1																					6			
C/ -1																					3			
TOTAL	1.6	26.3	44.8	24.1	3.1	.1													929		929			
																		229		929				
Element (X)	Σx ²	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	4375106	62544	67.3	13.310	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	1215367	32839	35.3	7.667	929		31.5						93											
Wet Bulb	991392	29568	31.8	7.363	929		48.9						93											
Dew Point	674971	23385	25.2	9.644	929	.3	67.3						93											

PSYCHROMETRIC SUMMARY

JAN

YEARS

MONTH

[illegible]

PSYCHROMETRIC SUMMARY

JAN

MONTM

2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55				.0	.1													6	6					
54/ 53			.0	.0	.1													13	13					
52/ 51		.0	.1	.0	.0													14	14					
50/ 49		.0	.1	.1														18	18	10				
48/ 47		.2	.1	.1	.1	.0												41	41	24	1			
46/ 45		1.0	1.5	.6	.1	.0	.0											243	243	50	33			
44/ 43	.1	1.1	1.9	.6	.1													285	285	110	56			
42/ 41	.4	2.2	2.1	.8	.1	.0												416	416	256	110			
40/ 39	.3	2.9	2.4	.9	.1													494	494	362	159			
38/ 37	.8	2.5	2.9	1.3	.0													557	557	469	292			
36/ 35	.6	3.3	4.1	1.3	.1	.0												692	692	495	394			
34/ 33	1.2	3.0	3.8	1.4	.1													688	688	701	411			
32/ 31	.3	3.1	2.4	.4	.1													493	493	746	317			
30/ 29	.5	5.1	3.7	.8														749	749	724	523			
28/ 27	1.3	5.9	2.9	.3														773	773	762	667			
26/ 25	.3	3.4	1.7	.0														416	416	720	579			
24/ 23	.3	4.2	1.7	.1														464	464	486	682			
22/ 21	.4	2.4	1.1															294	294	413	499			
20/ 19	.5	2.6	.7															282	282	298	491			
18/ 17	.5	1.9	.3															192	192	305	488			
16/ 15	.5	1.2	.0															134	134	240	456			
14/ 13	.1	.6																55	55	122	264			
12/ 11	.3	.5																58	58	60	263			
10/ 9	.2	.2																30	30	51	294			
9/ 7	.2	.0																17	17	20	130			
6/ 5	.1																	6	6	6	178			
4/ 3																					72			
2/ 1																					56			
C/ -1																					14			
-2/ -3																					1			
TOTAL	8.8	47.3	33.6	9.3	.9	.1	.0											7430	7430	7430	7430			
Etheral (%)	Z _x '	Z _y	X	G _s	No. Obs.	Mean No. of Hours with Temperature																		

PSYCHROMETRIC SUMMARY

FEB

STATION

STATION NAME

YEARS

MONTH

0000-0200

HOURS (L, S, T,)

[illegible]

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
56/ 55			.1															1	1						
54/ 53		.1	.6															6	6						
52/ 51		.4	.1															4	4	5					
50/ 49			.1															1	1	5	1				
48/ 47																				2	9				
46/ 45	.2	.7	.6															13	13	3	3				
44/ 43	.6	.7	.6															16	16	14	10				
42/ 41	1.1	3.3	1.1	.5														50	50	19	17				
40/ 39	.6	3.0	.8	.2	.2													41	41	38	21				
38/ 37	1.4	3.4	2.4	.2														63	63	46	41				
36/ 35	1.1	6.3	3.5	.5														96	96	55	34				
34/ 33	.9	3.9	3.4	1.1														78	78	91	40				
32/ 31	.5	4.5	2.8	.2														68	68	87	42				
30/ 29	.6	4.4	4.4	.8														86	86	75	62				
28/ 27	1.1	6.6	3.5	.4														98	98	92	77				
26/ 25	.2	3.4	2.0															48	48	85	61				
24/ 23	.1	5.1	1.3															55	55	55	77				
22/ 21	.9	2.8	1.2															42	42	53	60				
20/ 19	.7	2.2	.8															32	32	40	47				
18/ 17		1.9	.5															20	20	27	59				
16/ 15		1.2	.1															11	11	26	43				
14/ 13		.7																6	6	12	21				
12/ 11		.6																5	5	9	29				
10/ 9		.7																6	6	5	38				
8/ 7																				2	18				
6/ 5																					13				
4/ 3																					13				
2/ 1																					6				
0/ -1																					1				
-2/ -3																					2				
-6/ -7																					1				
TOTAL	10.0	55.8	30.0	3.9	.2														846	846	846				
																		846		846					
Element (X)	Σx²		Σx		Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature							
Rel. Hum.	5118585		64815		76.6	13.451		846		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						Total				
Dry Bulb	859817		26173		30.9	7.700		846			47.4										84				
Wet Bulb	755453		24425		28.9	7.713		846			56.4										84				
Dew Point	578528		20438		24.2	10.016		846		.4	66.5										84				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>43219</u>	<u>KUNSAN AB KO</u>
STATION	STATION NAME

69-70, 73-80

FEB

PAGE 1

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43219
STATION

KUNSAN AB KO

69-70, 73-80

FEB

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43219	KUNSAN AB KO
STATION	STATION NAME

69-70, 73-80

FEB

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
62/ 61					.1													1	1					
61/ 59					.1													1	1					
58/ 57			.1				.1											2	2					
56/ 55				.7	.5	.1												11	11					
54/ 53			.4	.2	.2													7	7	2				
52/ 51		.4	.2	.4	.4	.6												16	16	3				
50/ 49		.2	.7	.5	.1	.1	.1											15	15	11				
48/ 47	.1	.7	1.7	1.5	.6	.2	.1											42	42	17				
46/ 45	.2	1.5	3.0	1.7	.8	.1												62	62	31				
44/ 43	.2	2.4	2.4	3.8	.6	.1												80	80	42				
42/ 41	1.1	2.0	5.0	2.4	1.4	.4	.2											105	105	65				
40/ 39	1.3	2.5	1.5	3.7	.5													80	80	52				
38/ 37	.1	1.2	3.7	3.3	1.1													79	79	87				
36/ 35	.4	1.2	3.1	3.5	.7	.1												76	76	48				
34/ 33	.2	.8	2.5	2.4	.7													56	56	89				
32/ 31		.9	1.5	.6	.5													30	30	73				
30/ 29	.1	.8	1.8	1.1	.4													35	35	81				
28/ 27	.4	1.7	2.7	1.4	.2													54	54	47				
26/ 25	.1	2.0	1.5	.2														33	33	44				
24/ 23		1.3	2.5															32	32	50				
22/ 21		1.4	.8															19	19	31				
20/ 19		.2	.2															4	4	28				
18/ 17		.2	.1															3	3	9				
16/ 15		.4																3	3	4				
14/ 13																				4				
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								
2/ 1																								
0/ -1																								
TOTAL	4.3	21.9	35.3	27.3	8.9	1.8	.6											846	846	846				
Element (X)	ΣX^2			ΣX			\bar{X}	σ_s	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3866027			55617			65.7	15.753	846		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	1247306			31752			37.5	8.111	846			21.1					84							
Wet Bulb	1004897			28407			33.6	7.772	846				36.8				84							
Dew Point	684293			22367			26.4	10.488	846			.4	56.7				84							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
64/ 63					.1	.1													2	2					
58/ 57			.1	.1															2	2					
56/ 55		.1	.1		.4	.1													6	6	1				
54/ 53					.5		.2												6	6	3				
52/ 51			.7	.6	.9	.2	.2												23	23	2	2			
50/ 49		.1	.2	1.2	.4	.4													19	19	1	1			
48/ 47		.8	.9	1.8	.2	.1													33	33	11	3			
46/ 45	.5	1.9	3.2	.6	1.1	.2													63	63	45	20			
44/ 43		1.3	3.7	3.1	.2	.2													72	72	41	9			
42/ 41	.5	4.0	5.8	2.8	.9	.6													124	124	59	18			
40/ 39	.7	3.4	3.2	3.3	.1														91	91	91	49			
38/ 37	.2	1.1	4.1	2.1	.7														70	70	100	72			
36/ 35	.1	1.7	3.0	3.7	.4														74	74	61	62			
34/ 33		.8	2.5	2.5	.7														55	55	90	46			
32/ 31	.1	.5	1.8	1.7	.4														37	37	57	46			
30/ 29		.4	2.2	.8	.6														34	34	72	0			
28/ 27	.1	2.6	3.0	1.2															58	58	37	68			
26/ 25		2.0	1.7																31	31	73	57			
24/ 23		1.4	1.5																25	25	38	61			
22/ 21	.1	1.2	.2																13	13	37	28			
20/ 19	.1	.1																	2	2	19	51			
18/ 17		.7																	6	6	2	68			
16/ 15																					6	23			
14/ 13																						13			
12/ 11																						29			
10/ 9																						41			
8/ 7																						7			
6/ 5																						6			
4/ 3																						5			
2/ 1																						1			
TOTAL	2.9	24.1	37.9	25.4	7.6	2.0	.5												846	846	846				
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	3920899		56185		66.4		14.976		846		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	1259515		31971		37.8		7.792		846		20.5										84				
Wet Bulb	1018549		28675		33.9		7.427		846		33.9										84				
Dew Point	699892		22846		27.0		9.907		846		56.0										84				

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

FEB

MONTH

1800-2000

NOV 28 1964

[illegible]

PSYCHROMETRIC SUMMARY

43219

KUNSAN AB KO

69-70, 73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO 69-70,73-80 FEB
STATION MONTH

PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
64/ 63					.0	.0												2	2				
62/ 61					.0													1	1				
60/ 59				.0	.0													3	3				
58/ 57			.0	.0			.0											4	4				
56/ 55		.0	.1	.1	.1	.0												23	23	1			
54/ 53		.1	.2	.0	.1		.0											31	31	8			
52/ 51		.3	.2	.1	.2	.1	.0											59	59	23	4		
50/ 49	.0	.1	.2	.3	.1	.1	.0											48	48	31	11		
48/ 47	.1	.5	.5	.5	.1	.0	.0											120	120	49	41		
46/ 45	.3	1.3	1.2	.4	.3	.1												241	241	135	77		
44/ 43	.5	1.3	1.8	1.2	.1	.0												333	333	186	92		
42/ 41	1.1	3.3	2.4	1.3	.4	.1	.0											580	581	309	193		
40/ 39	.9	4.3	2.0	1.4	.2													594	595	446	257		
38/ 37	1.1	3.1	3.5	1.1	.3													620	620	597	400		
36/ 35	.6	4.0	4.0	1.9	.2	.0												720	720	493	404		
34/ 33	.5	2.4	3.9	1.7	.2													595	595	723	364		
32/ 31	.2	2.4	2.8	.9	.2													436	436	602	303		
30/ 29	.3	2.9	3.3	.9	.1													510	510	644	465		
28/ 27	.6	4.5	3.4	.7	.1													620	620	536	581		
26/ 25	.3	2.6	2.0	.1														331	331	628	464		
24/ 23	.1	2.7	2.0	.0														328	328	402	607		
22/ 21	.4	2.2	.8															228	228	315	374		
20/ 19	.2	1.3	.4															125	125	273	399		
18/ 17	.1	1.3	.3															109	109	140	413		
16/ 15	.1	.3	.1															56	56	116	301		
14/ 13		.3	.0															19	19	60	195		
12/ 11		.2																15	15	27	196		
10/ 9		.2																13	13	16	304		
8/ 7		.0																1	1	5	115		
6/ 5																					113		
4/ 3																					44		
2/ 1																					21		
0/ -1																					16		
-2/ -3																					10		
Element (X)	Σ X ¹		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

FEB
MONTH

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43219
STATION

KUNSAN AB KO

68-70, 73-79

MAR

STATION NAME

YEARS

MONTH

PAGE 1

0630-0300
HOURS (L. S. T.)

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
64/ 63		.1																1	1					
62/ 61		.1	.2															3	3	1	1			
60/ 59		.1																1	1	1	1			
58/ 57		.1																1	1	3				
56/ 55																				1	4			
54/ 53		.3			.1													4	4	1				
52/ 51		.2																2	2	2	2			
51/ 49	.1	.3	.3	.3														10	10	5	4			
48/ 47	.1	.5	.5	.1	.2													14	14	5	3			
46/ 45	.5	2.5	2.0	.8	.2	.2												58	58	23	10			
44/ 43	.6	3.9	2.0	.8	.3													69	69	52	16			
42/ 41	1.5	4.9	2.8	.3	.2													90	90	68	69			
41/ 39	1.8	6.4	2.2	.9	.2													106	106	71	55			
39/ 37	1.1	6.4	2.6	1.3														104	104	96	64			
36/ 35	1.2	6.9	3.1	.9														112	112	110	75			
34/ 33	1.5	5.1	2.8	.6														93	93	111	104			
32/ 31	.3	5.1	1.7	.3														69	69	126	55			
30/ 29	.8	6.3	2.7	.3														93	93	90	97			
28/ 27	.4	3.2	1.9	.1														53	53	65	97			
26/ 25	.3	1.1	1.1															23	23	54	65			
24/ 23		1.2	.5															16	16	20	73			
22/ 21		.2	.1															3	3	15	37			
20/ 19		.2																2	2	4	27			
18/ 17																				3	27			
16/ 15																					16			
14/ 13																					11			
12/ 11																					7			
10/ 9																					5			
8/ 7																					2			
TOTAL	10.255	026.8	6.8	1.3	.2													927	927		927			
																		927		927				
Element (X)	Σ X'		Σ X																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70,73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
68/ 67					.1													1	1						
64/ 63						.1												1	1						
62/ 61		.1	.1	.1														3	3	1					
60/ 59			.2		.1	.2												5	5	1					
58/ 57		.1	.1	.2	.3	.2												9	9	1	2				
56/ 55	.1	.3	.2	.3	.4	.2												15	15	5	3				
54/ 53		.3	.4	.5	.5	.1	.2											20	20	7	4				
52/ 51	.1	.4	1.1	1.2	.6	.1		.1										34	34	7	6				
50/ 49	.2	.6	1.4	1.8	.8	.8												52	52	23	9				
48/ 47	.4	1.1	2.6	3.3	.9	.3	.1											81	81	33	11				
46/ 45	.8	3.1	4.2	2.4	.9	.3	.1											109	109	65	24				
44/ 43	.8	2.3	3.7	3.8	.9	.4												109	109	106	29				
42/ 41	1.1	2.8	3.3	3.0	.3	.1												99	99	91	71				
40/ 39	.5	4.3	3.1	2.5	1.3													109	109	107	63				
38/ 37	.3	2.9	4.6	1.9	.6													97	97	109	87				
36/ 35	.3	2.3	3.2	2.4	.3													79	79	101	100				
34/ 33	.1	1.2	2.3	1.6	.1													49	49	96	81				
32/ 31	.5	1.2	1.0	.9														33	33	73	77				
30/ 29			.5	.1														6	6	53	63				
28/ 27		.2	.2	.2														6	6	24	77				
26/ 25		.3	.3															6	6	10	57				
24/ 23		.1	.4															5	5	8	42				
22/ 21		.1																1	1	5	31				
20/ 19																				3	30				
18/ 17																					23				
16/ 15																					19				
14/ 13																					11				
12/ 11																					3				
10/ 9																					4				
8/ 7																					1				
6/ 5																					1				
TOTAL	5.3	23.8	33.0	26.3	8.2	2.9	.4	.1										929		929	929				
Element (X)	Σ x ²			Σ x			Σ	σ _s	No. Obs.			Mean No. of Hours with Temperature										Total			
Rel. Hum.	4756410			64908			69.9	15.445	929			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						93		
Dry Bulb	1686999			39107			42.1	6.627	929				5.7	.1									93		
Wet Bulb	1391923			35471			38.2	6.363	929				17.6										93		
Dew Point	1042973			30091			32.4	8.579	929				43.9										93		

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70, 73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
68/ 67					.1													1	1					
66/ 65				.2	.1	.1												4	4					
64/ 63							.3		.1									4	4					
62/ 61			.2		.2	.2			.1									7	7	1				
60/ 59		.3	.3	.5	.5	.8	.6	.3										32	32	3				
58/ 57		.3	.2	.5	.6	.6	.2	.2										26	26	6	2			
56/ 55		.1	.1	1.0	1.2	1.0	.4											35	35	7	7			
54/ 53		.1	.9	1.0	1.9	.4	.2	.1										43	43	11	6			
52/ 51		.3	1.6	1.6	1.0	.1	.2											45	45	17	2			
50/ 49	.1	.1	2.2	3.7	1.0	.6	.1											72	72	36	8			
48/ 47	.2	.5	3.0	3.2	1.5	.5	.1											85	85	59	8			
46/ 45	1.4	2.6	2.3	4.6	3.2	1.0	.1											141	141	123	35			
44/ 43	.5	.5	1.2	4.8	2.3	1.0												96	96	102	48			
42/ 41	.6	2.3	4.6	3.4	3.0	.1												131	131	64	86			
40/ 39	.3	1.3	2.0	3.8	.9													77	77	117	71			
38/ 37		.4	2.2	2.9	.4													55	55	107	82			
36/ 35		.2	2.2	1.8	.3													42	42	82	79			
34/ 33	.2		.4	.9														14	14	87	72			
32/ 31		.2	.6	.1	.1													10	10	56	40			
30/ 29			.1															1	1	27	61			
28/ 27			.2	.2														4	4	13	87			
26/ 25			.2															2	2	3	56			
24/ 23			.3															3	3	5	62			
22/ 21																				4	38			
20/ 19																					36			
18/ 17																					19			
16/ 15																					10			
14/ 13																					4			
12/ 11																					4			
10/ 9																					7			
TOTAL	3.4	9.4	24.8	34.3	18.4	6.5	2.4	.6	.2									930	930	930	930			
Element (X)	Z _X ¹		Z _X		I		°s		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3882969		58403		62.8		15.224		930		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb	1968689		42287		45.8		7.029		930				2.0		.1								93	
Wet Bulb	1540710		37368		40.2		6.499		930				10.6										93	
Dew Point	1073730		30522		32.8		8.809		930				42.4										93	

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 44

PSYCHROMETRIC SUMMARY

MONTH

1500-1700

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65					.1													1	1					
64/ 63				.3		.4			.1									8	8					
62/ 61				.3	.2	.1		.2										8	8					
60/ 59		.2		.2	.4	.4												12	12	2				
58/ 57		.1	.2	.3	1.0	.6	.1											22	22	6	2			
56/ 55		.1		1.0	1.1	.6	.1											27	27	4	3			
54/ 53			.8	1.3	1.1	.4	.2											35	35	12	5			
52/ 51	.2	.1	1.9	1.3	1.2	.4												48	48	7	6			
50/ 49	.1	1.2	2.2	1.4	1.0	.6	.2											62	62	39	2			
48/ 47	.2	.6	3.8	4.7	1.3	.4												103	103	66	4			
46/ 45	.6	2.3	3.7	4.8	2.5	.9	.1											135	135	92	46			
44/ 43	1.0	1.6	2.3	3.7	2.4	.5												106	106	107	57			
42/ 41	1.3	1.6	5.1	4.6	2.0	.2												138	138	112	93			
40/ 39	.6	1.5	2.8	4.8	.5													96	96	87	63			
38/ 37	.3	.3	2.3	2.4	.3													52	52	117	87			
36/ 35		.3	1.9	2.2	.1													42	42	87	77			
34/ 33	.1	.2	.8	.6														16	16	93	72			
32/ 31	.1	.1	.4	.1														7	7	50	36			
30/ 29		.1	.2	.4														7	7	32	69			
28/ 27			.2															2	2	7	86			
26/ 25																				5	65			
24/ 23		.2	.1															3	3	2	58			
22/ 21																				2	43			
20/ 19																				1	20			
18/ 17																					19			
16/ 15																					7			
14/ 13																					6			
12/ 11																					4			
TOTAL	4.6	10.6	28.5	34.2	15.2	5.8	.8	.2	.1									930	930	930	930			
Element (X)	Σ x ²			Σ x			X	s _x																

PSYCHROMETRIC SUMMARY

MAR

MONTH

1800-2000

MOUSE (1 1 8)

[illegible]

PSYCHROMETRIC SUMMARY

MAR

MONTH

2100-2300

HOURS 11-3-7

[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
68/ 67					.0													2	2					
66/ 65				.0	.0	.0												5	5					
64/ 63		.0		.0	.0	.1	.0		.0									14	14					
62/ 61		.0	.1	.1	.1	.1		.0	.0									23	23	3				
60/ 59		.1	.1	.1	.2	.2	.1	.0										62	62	7				
58/ 57	.0	.1	.1	.2	.3	.2	.0	.0										76	76	24				
56/ 55	.0	.1	.1	.3	.4	.2	.1											87	87	24				
54/ 53	.0	.2	.3	.5	.5	.1	.1	.0										132	132	43				
52/ 51	.1	.2	.7	.6	.5	.1	.0	.0										170	170	50				
50/ 49	.1	.5	1.0	1.1	.4	.3	.0											264	264	130				
48/ 47	.2	1.2	1.9	1.9	.6	.2	.0											443	443	250				
46/ 45	.7	3.0	3.2	2.2	1.2	.3	.0											794	794	456				
44/ 43	.6	3.2	2.4	2.3	.8	.2												712	712	646				
42/ 41	1.1	4.7	4.5	2.1	.6	.1												986	986	701				
40/ 39	.9	4.9	2.7	2.1	.4													813	813	746				
38/ 37	1.0	3.6	3.5	1.8	.2													753	753	942				
36/ 35	.6	3.5	3.3	1.9	.1													695	695	753				
34/ 33	.6	2.3	3.0	1.3	.0													536	536	815				
32/ 31	.3	1.7	1.5	.3	.0													292	292	680				
30/ 29	.2	1.9	1.4	.3														275	275	510				
28/ 27	.1	1.1	.8	.1														162	162	309				
26/ 25	.1	.3	.3															55	55	186				
24/ 23		.6	.3															61	61	76				
22/ 21		.2	.0															15	15	50				
20/ 19		.0																3	3	24				
18/ 17																				5				
16/ 15																								
14/ 13																								
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
TOTAL	6.7	33.4	31.5	19.3	6.4	2.1	.9	.1	.0									7430	7430	7430				
Element (X)	Σx^2																							

PSYCHROMETRIC SUMMARY

APR

YEARS

MONTH

0000-0200

HOURS (L, T, Y, J)

[illegible]

PSYCHROMETRIC SUMMARY

APR

MONTH

HOURS (h, m, s)

[illegible]

PSYCHROMETRIC SUMMARY

APR

MONTH

0600-0800

MOUSE (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

1949 (L. 3. 1.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73					.2	.1	.1	.1										5	5					
72/ 71				.1	.2	.1												4	4					
70/ 69				.2	.3	.4	.2	.1										12	12					
68/ 67			.3	.2	.4	.7	.1											16	16					
66/ 65		.2	.4	1.1	.7	.9	.6	.1	.1									37	37	3				
64/ 63		.7	.4	1.0	1.9	2.1	.4	.2	.1									62	62	10				
62/ 61	.1	1.0	.9	1.6	1.1	1.0	.9	.3	.3									65	65	29				
60/ 59	.1	.6	1.8	2.4	2.6	1.7	.9	.1										91	91	27				
58/ 57	.2	2.0	1.3	3.2	1.9	1.3	.7	.1										97	97	46				
56/ 55	.4	3.8	2.1	3.9	3.1	1.2	.2											133	133	85				
54/ 53	.2	2.6	3.2	1.8	1.9	.3	.3											93	93	114				
52/ 51	.2	1.1	1.9	1.6	1.3	.4												59	59	108				
50/ 49	.7	1.7	3.0	2.6	1.8	.6												92	92	119				
48/ 47	.4	1.1	2.1	1.6	.8													54	54	99				
46/ 45	.1	1.4	1.7	2.0	.1	.1												49	49	91				
44/ 43		.6	1.1	.7		.1												22	22	79				
42/ 41		.3	.1	.1														5	5	49				
40/ 39			.1															1	1	29				
38/ 37			.1															1	1	7				
36/ 35			.2															2	2	2				
34/ 33																				2				
32/ 31																				1				
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
20/ 19																								
TOTAL	2.6	17.0	20.9	24.0	18.3	11.1	4.4	1.1	.6										900		900			
																			900		900			

Element (X)	Σx^1	Σx	Σ	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4400769	61357	68.2	15.565	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2810235											

PSYCHROMETRIC SUMMARY

43219

KUNSAN AB KO

68-70, 73-79

APR

STATION

STATION NAME

YEARS

MONTAS

PAGE 1

1200-1400

HOURLS (L. 3. 7. 1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79												.1						1	1					
78/ 77							.3				.1							4	4					
76/ 75					.1	.1	.1	.3										6	6					
74/ 73				.3	.2	.1	.7											12	12					
72/ 71			.1	.1	.3	.1	.2	.1	.2									13	13					
70/ 69		.2	.3	.9	.3	.3	.1	.2	.3									25	25					
68/ 67			.2	.6	1.0	.4		.1										21	21	1				
66/ 65		.6	.6	1.2	1.6	.8	.4	.8										53	53	11				
64/ 63	.4	1.2	2.8	2.3	1.9	.8	.8	.1										93	93	14	3			
62/ 61	.6	1.1	1.4	2.2	2.7	1.1	.3	.1										82	82	25	14			
60/ 59	.4	1.4	1.8	3.4	3.9	2.3	1.1	.2										132	132	54	17			
58/ 57	.3	2.0	1.3	3.4	2.2	1.9	.8	.1										109	109	76	32			
56/ 55	.8	3.1	1.6	2.6	1.9	1.1	.2											101	101	95	56			
54/ 53	.4	.4	2.7	1.2	2.3	.7	.2											72	72	124	61			
52/ 51	.4	.7	1.6	.7	1.8	.7												52	52	129	63			
50/ 49	.2	1.0	1.4	2.1	1.1	.3	.1											57	57	107	64			
48/ 47	.4	.4	1.6	1.2	.9													41	41	93	87			
46/ 45	.2	.7	.6	.3	.1													17	17	68	112			
44/ 43		.2																2	2	55	63			
42/ 41																			28	28	49			
40/ 39	.2																	2	2	11	49			
38/ 37	.1	.1	.2	.1														5	5	5	58			
36/ 35																				1	47			
34/ 33																				2	34			
32/ 31																				1	17			
30/ 29																					18			
28/ 27																					6			
26/ 25																					4			
24/ 23																					1			
22/ 21																					1			
TOTAL	3.2	10.7	16.1	20.6	22.1	14.3	7.1	3.7	1.3	.7	.1	.1						900	900		900			
																		900		900				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70,73-79

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																			
78/ 77							.3			.2																						5	5						
76/ 75							.6		.1																							6	6						
74/ 73				.2	.1	.2		.2																								7	7						
72/ 71				.2	.4	.1	.1	.3	.1																							12	12						
70/ 69			.2	.1	.4	.9	.2	.7	.3	.2																						28	28						
68/ 67			.2		.4	.4	.3	.6																								18	18	2					
66/ 65			.3	.3	.7	.3	.7	.1	.1																							23	23	8					
64/ 63	.1	1.0	.6	1.9	1.7	2.9	1.1	.4																								87	87	19	6				
62/ 61		.8	1.7	1.1	3.0	1.3	1.8	.3																								90	90	20	11				
60/ 59	.1	1.0	1.6	2.8	3.2	1.1	1.0	.1																								98	98	36	16				
58/ 57	.6	1.6	2.4	3.7	1.8	2.3	.2																									113	113	67	26				
56/ 55	.7	2.1	2.3	5.1	1.3	.8	.1																									112	112	85	47				
54/ 53	.7	1.8	2.7	.4	2.6	.7																										79	79	127	53				
52/ 51	.2	.7	3.4	1.7	3.1	.8		.1																								90	90	125	63				
50/ 49	.1	.9	1.3	2.8	.7	.3	.1																									56	56	118	58				
48/ 47	.2	1.0	1.4	1.8	.4																											44	44	102	77				
46/ 45	.1	.2	.6	.7	.4																											18	18	85	143				
44/ 43			.3	.3																												6	6	50	94				
42/ 41		.1	.2																													3	3	32	53				
40/ 39		.2																														2	2	14	66				
38/ 37			.3																													3	3	7	57				
36/ 35																																			75				
34/ 33																																		3	15				
32/ 31																																			15				
30/ 29																																			16				
28/ 27																																			4				
26/ 25																																			3				
24/ 19																																			2				
TOTAL	2.8	11.3	19.7	23.1	20.3	12.2	6.6	2.9	.7	.4																						900	900	900	900				
Element (X)	Σ x ²			Σ x			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ		
Rel. Hum.	4113164			59146			65.7			15.863			900			Σ 0 F			Σ 32 F			Σ 67 F			Σ 73 F			Σ 80 F			Σ 93 F			Total					
Dry Bulb	2989130			51528			57.3			6.585			900									7.6			1.8												90		
Wet Bulb	2380239			46003			51.1			5.662			900									.2															90		
Dew Point	1684279			40619			45.1			7.536			900			4.0																					90		

FORM 0-26-5 (O.L.A.)

USAFETAC

PSYCHROMETRIC SUMMARY

APR

MONTH

1800-2000

HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

MONTH

2100-2300

2.300 2.300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70,73-79

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79												.0							1	1					
78/ 77							.1			.0	.0								9	9					
76/ 75					.0	.0	.1	.0	.0										13	13					
74/ 73				.0	.1	.1	.0	.1	.0	.0									27	27					
72/ 71				.1	.1	.1	.0	.1	.0	.0									32	32					
70/ 69			.1	.1	.3	.2	.1	.1	.1	.1									75	75					
68/ 67			.1	.0	.2	.2	.2	.2	.2	.0									66	66	3				
66/ 65		.1	.2	.3	.4	.4	.3	.1	.1										134	134	29				
64/ 63	.1	.9	.5	1.1	1.1	1.0	.4	.2	.0										382	382	70				
62/ 61	.2	.6	.8	.8	1.2	.7	.5	.1	.1										355	355	134				
60/ 59	.2	.9	1.5	1.8	1.6	.8	.5	.1											534	534	178				
58/ 57	.2	1.6	1.8	2.5	1.1	.9	.2	.0											601	601	290				
56/ 55	.5	2.7	2.4	3.1	1.3	.6	.1												770	770	467				
54/ 53	.7	2.5	3.8	1.6	1.6	.3	.1												758	758	715				
52/ 51	.5	1.9	3.5	1.6	1.9	.3	.0	.0											670	670	797				
50/ 49	.4	2.7	2.5	1.8	.8	.2	.0												609	609	933				
48/ 47	.6	3.1	2.5	1.6	.6	.0													599	599	851				
46/ 45	.4	2.7	3.6	1.5	.4	.0													624	624	789				
44/ 43	.3	1.9	1.9	.9	.7	.0													363	363	611				
42/ 41	.3	1.6	1.9	.4	.7														312	312	541				
40/ 39	.2	.9	.7	.2															139	139	360				
38/ 37	.1	.6	.7	.0	.0														99	99	228				
36/ 35		.1	.1																19	19	107				
34/ 33		.0	.0																5	5	78				
32/ 31			.0																1	1	12				
30/ 29		.0																	3	3	4				
28/ 27																					3				
26/ 25																									
24/ 23																									
22/ 21																									
20/ 19																									
18/ 17																									
TOTAL	4.6	24.8	28.6	19.5	12.2	5.9	2.6	1.1	.3	.2	.0	.0							7200	7200	7200				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum	40017944		525308		73.0		15.330		7200		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F				
Dry Bulb	20501944		380590		52.9		7.304		7200				.4		22.3		5.0		.1						
Wet Bulb	17153088		348469		48.4		6.322		7200				1.9		.3										
Dew Point	14239688		315541		43.8		7.556		7200				46.5												

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

STATION

STATION NAME

YEARS

MONTH

0300-0500

NOV 2 (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO
STATION

68-70, 73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point												
84/ 83								.1										1	1													
82/ 81									.1	.1	.1							3	3													
80/ 79					.2	.1	.1				.1							5	5													
78/ 77					.1	.2	.2	.1	.2	.1								9	9													
76/ 75					.3	.4	.9		.3									18	18													
74/ 73				1.0	.5	.8	.5	.3	.1									30	30													
72/ 71	.1		.3	1.2	2.5	.6	1.6	.5	.1	.1								66	66	3	1											
70/ 69			1.8	.8	2.0	1.9	.5	.6	.1	.2								71	71	5												
68/ 67	.2	.5	2.7	2.5	3.5	1.5	1.0	.5										115	115	25	5											
66/ 65	.2	2.6	2.3	3.6	2.0	.9	.8	.6										120	120	56	14											
64/ 63	.9	3.7	5.1	5.0	2.7	2.2	.6	.1										187	187	110	62											
62/ 61	.4	2.0	3.9	3.7	2.3	.3	.1											118	118	153	73											
60/ 59	.9	1.6	2.7	1.6	1.5	.3												80	80	149	88											
58/ 57	.2	1.8	1.9	1.7	.4		.1	.1										59	59	147	120											
56/ 55	.2	1.3	.9	.9	.2		.1	.1										34	34	118	123											
54/ 53		.3	.3				.1											7	7	89	110											
52/ 51		.2	.1															3	3	50	87											
50/ 49	.1																	1	1	17	74											
48/ 47																					70											
46/ 45																				2	41											
44/ 43																				2	21											
42/ 41																				1	20											
40/ 39																					7											
38/ 37																					3											
36/ 35																					3											
34/ 33																					1											
32/ 31																					1											
28/ 27																					1											
24/ 23																					2											
TOTAL	3.2	14.1	22.0	21.8	18.3	8.8	6.7	3.2	1.0	.5	.2								927	927	927											
																			927		927											
Element (X)	Σ																															

PSYCHROMETRIC SUMMARY

68-70, 73-79

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

[illegible]

PSYCHROMETRIC SUMMARY

43219
STATIO

KUNSAN AB KO

68-70, 73-79

MAY

PAGE 1

1800-2000

[illegible]

PSYCHROMETRIC SUMMARY

MAY

MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70,73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
88/ 87																			1	1																
84/ 83								.0	.0										5	5																
82/ 81								.1	.1	.1	.0	.0							20	20																
80/ 79					.0	.1	.1	.1	.1	.1	.0								32	32																
78/ 77				.0	.1	.2	.2	.1	.1	.0									56	56																
76/ 75			.0	.1	.2	.4	.4	.1	.2	.0	.0	.0							113	113																
74/ 73			.0	.4	.4	.5	.5	.3	.1	.0									171	171																
72/ 71	.0		.1	.4	1.0	.5	.5	.2	.2	.0									223	223	11	1														
70/ 69	.0	.1	1.0	.8	1.1	1.0	.4	.3	.2	.1									373	373	36	6														
68/ 67	.1	.3	1.6	1.0	1.5	.7	.5	.2	.1										433	433	118	16														
66/ 65	.2	1.7	2.4	1.8	1.2	.8	.3	.2	.1										657	657	313	71														
64/ 63	.9	4.2	4.3	4.5	2.0	1.4	.4	.1	.0										1330	1330	635	365														
62/ 61	.6	3.3	4.0	2.3	1.8	.4	.2	.0											938	938	922	497														
60/ 59	1.5	4.8	3.4	2.7	1.3	.3	.1	.0	.0										1049	1049	1301	855														
58/ 57	1.0	3.4	3.0	2.1	.4	.1	.1	.0											749	749	1199	849														
56/ 55	.5	2.6	2.7	1.4	.2	.1	.0	.0											552	552	952	961														
54/ 53	.5	1.7	2.1	.7	.1	.0	.0												381	381	858	740														
52/ 51	.1	.5	1.4	.2	.0														170	170	641	707														
50/ 49	.1	.6	.4	.2	.0	.0													93	93	396	623														
48/ 47	.1	.3	.2	.1	.0														53	53	212	568														
46/ 45		.3	.0	.0															25	25	78	529														
44/ 43		.1	.0																10	10	49	243														
42/ 41		.0																	1	1	11	213														
40/ 39																					3	90														
38/ 37																						41														
36/ 35																						23														
34/ 33																						12														
32/ 31																						11														
30/ 29																						6														
28/ 27																						3														
26/ 25																						1														
24/ 23																						4														
TOTAL	5.5	23.8	26.8	18.7	11.3	6.6	4.0	1.7	1.2	.3	.1	.0							7435	7435	7435	7435														
Element (X)	Σx ¹			Σx			Σ			Σ _s			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum	43807280			552496			75.3			15.141			7435			± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total								
Dry Bulb	28746719			460053			61.9			6.139			7435							142.8		39.8		3.7		744										
Wet Bulb	24474732			424918			57.2			5.059			7435							16.5						744										
Dew Point	21485190			396926			53.4			6.297			7435					2.5		2.3						744										

PSYCHROMETRIC SUMMARY

JUN

MONTANA

0000-0200

FORMS (1-3-74)

[illegible]

PSYCHROMETRIC SUMMARY

<u>43219</u>	<u>KUNSAN AB KO</u>
STATION	STATION NAME

68-70, 73-79

YEARS

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

MONTH

0600-0800

NOVA 11-3-74

[illegible]

PSYCHROMETRIC SUMMARY

JUN

MONTH

0900-1100

NOV 28 11 31 AM '71

[illegible]

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 1 1500-1700
HOURS (L - S - T -)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

MONTH

1800-2000

2000 LBS
HOURS (L. S. T.)

[illegible]

THE WILD FIREWORKS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM 100-100

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

MONTH

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONTH

0000-0200

MOUSE (L. S. T.)

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

JUL

MONTH

0900-1100

HOURS (L, S, Y.)

[illegible]

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO
STATION

68-70, 73-79

JUL

PAGE 1 1200-1400

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

JUL
MONTH

STATION

STATION NAME

YEARS

MONTH

1800-2000

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

MONTM

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONTH

ALL

HOURS (L, F, T.)

[illegible]

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70, 73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

MONTH

0600-0800

NOV 14 1971

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1	AUG MONTH 0900-1100 HOURS (L. S. Y.)
--------	---

[illegible]

PSYCHROMETRIC SUMMARY

AUG

MONTH

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

488

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70,73-79

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb		Dew Point		
84/ 83				.3														3	3				
82/ 81		.3	1.1	1.3														25	25				
80/ 79		.6	1.1	1.9														32	32	6	3		
78/ 77		.3	3.2	1.3	.1													45	45	21	16		
76/ 75		2.0	.8	.9	.7													39	39	36	14		
74/ 73	.1	2.4	1.3	2.1														54	54	49	57		
72/ 71	1.0	2.9	2.0	1.6	.7	.2												75	75	59	43		
70/ 69	.7	3.8	5.8	.9	.7	.1												107	107	61	54		
68/ 67	.4	2.2	6.1	.6	1.0	.1												94	94	110	48		
66/ 65	.3	4.3	2.8	1.4	.6													85	85	95	90		
64/ 63	1.0	7.8	2.2	2.9	.4	.2												131	131	117	144		
62/ 61	1.4	3.7	2.3	.6	.1	.1												74	74	111	102		
60/ 59	.1	4.8	1.7	.7	.2													67	67	58	94		
58/ 57	.3	1.9	.3	.3														26	26	85	63		
56/ 55	.6	1.7	.1	.2	.1													24	24	36	67		
54/ 53		.2	.1															8	8	27	45		
52/ 51			.6	.2														7	7	14	24		
50/ 49	.2		.1															3	3	6	11		
48/ 47	.1																	1	1	8	5		
46/ 45																				1	11		
44/ 43																					2		
42/ 41																					5		
40/ 39																					2		
TOTAL	6.3	39.4	31.7	17.2	4.6	.6												900	900		900		

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

GLCRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO
STATION STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
92/ 91							.1											1													1				
90/ 89						.2												2													2				
88/ 87					.3	.2	.2											7													7				
86/ 85			.1	.4	1.0	.3												17													17				
84/ 83			.2	.9	.8	.6												22													22				
82/ 81		.1	1.0	2.4	1.1	.7	.4											52													52		6		
80/ 79		.4	1.0	2.0	.6	1.6	.4											54													54		16	8	
78/ 77		.6	1.4	3.9	2.2	1.1	.4			.1								88													88		33	12	
76/ 75		.2	4.7	3.4	3.2	1.4	.7	.2										119													119		51	37	
74/ 73	.3	1.0	3.1	6.1	1.6	1.0	.3	.1	.1									123													123		59	38	
72/ 71	.3	1.1	4.6	2.6	3.4	1.0	.7											123													123		95	66	
70/ 69	.3	.8	4.2	1.3	2.7	1.8	.3	.2										104													104		128	81	
68/ 67	.3	1.1	3.3	1.0	2.4	.7	.1											80													80		136	90	
66/ 65	.2	.7	1.0	1.9	.9	.2	.2	.2										45													45		105	104	
64/ 63	.1	1.1	1.8	.9	.1	.3		.1										40													40		80	137	
62/ 61	.1	.6	.6		.2	.2												15													15		80	83	
60/ 59	.2					.1												3													3		69	52	
58/ 57				.1	.2													3													3		20	51	
56/ 55			.1															1													1		5	58	
54/ 53																																		8	35
52/ 51																																		6	14
50/ 49																																		2	9
48/ 47																																			5
46/ 45																																			10
44/ 43																																			4
42/ 41																																			2
38/ 37																																			2
36/ 35																																			1
TOTAL	1.3	7.7	26.5	27.0	20.5	11.5	4.7	.9	.1	.1								899													899		899	899	
Element (X)	Σ X ¹			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.	5008521			66251			73.7			11.855			899			≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total							
Dry Bulb	4839729			65761			73.1			5.719			899							79.3		48.6		12.0					90						
Wet Bulb	4114318			60600			67.4			5.720			899							52.5		16.5		1.0					90						
Dew Point	3726981			57529			64.0			7.124			899							33.2		9.5							90						

USAFETAC FORM 44 0-26-5 (OLAI) REVISED BY YOUR OFFICE OF THE NAME ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>43219</u>	<u>KUNSAN AB KU</u>
STATION	STATION NAME

68-70, 73-79

YEARS

PAGE 1

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTH

1500-1700

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTH

1800-2000

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT
MONTH

YEARS

0000-0200

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT

CC 7

0300-0500

[illegible]

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75			.1	.1														2	2																
74/ 73			.1															1	1																
72/ 71			.1		.1													2	2	1															
70/ 69			1.1	.1	.1													12	12	2	1														
68/ 67			1.1	.4	.5	.1												20	20	2	2														
66/ 65	.1	1.4	1.7	.5	.2		.1											38	38	21	2														
64/ 63	.1	2.2	1.2	1.6	.1	.2	.1											51	51	30	23														
62/ 61	.2	1.6	2.5	1.4	.3	.2												58	58	46	34														
60/ 59	.8	4.5	4.3	2.2	.3	.2												114	114	45	57														
58/ 57	1.2	2.6	4.0	1.9	.3		.1											94	94	87	52														
56/ 55	1.0	4.0	3.4	2.7	.2	.1	.2											108	108	77	57														
54/ 53	.9	3.9	4.5	.9	.4	.3												101	101	111	78														
52/ 51	.5	2.3	3.4	.4	.5	.2	.1											70	70	104	82														
50/ 49	.2	3.4	2.4	.6	.3													65	65	108	87														
48/ 47	.4	3.3	1.3	.5	.4													56	56	80	78														
46/ 45	.6	3.5	1.7	.5	.1													61	61	74	133														
44/ 43	.2	.8	.5	.5														19	19	42	57														
42/ 41	.4	1.8	.9	.6	.1													36	36	30	58														
40/ 39	.6	1.1	.1	.1														18	18	30	33														
38/ 37		.3		.1														4	4	21	27														
36/ 35																				8	16														
34/ 33																				1	19														
32/ 31																				1	14														
30/ 29																					13														
28/ 27																					2														
26/ 25																					3														
24/ 23																					2														
TOTAL	7.3	36.7	34.4	15.4	4.2	1.4	.6												930	930	930														
																		930		930															
					</																														

PSYCHROMETRIC SUMMARY

OCT

MINT

0900-1100

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
80/ 79						.3												3	3					
78/ 77					.3													3	3					
76/ 75			.2	.2	.5	.4	.2											15	15					
74/ 73			.1	.6	.5	.4	.5		.1									22	22					
72/ 71			.3	1.2	.6	.4	.4	.4										32	32	2				
70/ 69			.9	1.0	1.6	1.4	.2	.1										48	48	9				
68/ 67	.3	.3	2.2	1.6	2.7	.9	.4	.1										79	79	21				
66/ 65		1.2	1.9	2.6	2.3	1.0	.2	.2		.1								88	88	33				
64/ 63		.6	2.4	4.3	3.4	2.9	.8	.1		.2								137	137	64				
62/ 61	.1	1.7	2.7	4.1	2.7	.6	.1	.2										114	114	84				
60/ 59	.8	1.6	2.6	3.4	2.3	.6	.4	.4	.1									114	114	113				
58/ 57	.4	2.5	1.3	2.2	1.7	.8	.4		.1									87	87	120				
56/ 55	.3	1.4	1.8	1.3	1.1	.3												58	58	126				
54/ 53	.1	.9	1.4	.9	1.7	.5	.2											53	53	103				
52/ 51		.3	1.4	.8	.5		.1											29	29	72				
50/ 49		.4	.3	.9	.2	.1												18	18	49				
48/ 47		.5	.8	.2		.1												15	15	49				
46/ 45	.1	.1	.3		.4	.2												11	11	44				
44/ 43				.2														2	2	18				
42/ 41		.1																1	1	9				
40/ 39																				5				
38/ 37																				5				
36/ 35																				1				
34/ 33																				10				
32/ 31																				4				
30/ 29																				9				
28/ 27																				5				
26/ 25																				4				
24/ 23																				3				
22/ 21																				3				
TOTAL	2.2	11.7	20.6	25.4	22.7	11.1	4.1	1.6	.3	.3								929	929	929				
Element (X)	Σx²			Σx			Σ	°s	No. Obs.			Mean No. of Hours with Temperature												
Rsl. Hum	4629922			64182			69.1	14.524	929			± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total						
Dry Bulb	3566744			57250			61.6	6.457	929						20.2	4.3			93					
Wet Bulb	2930717			51855			55.8	6.252	929						3.2					93				
Dew Point	2464746			47218			50.8	8.357	929						2.8	.7					93			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70,73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
82/ 81						.1	.3	.2										6	6						
80/ 79				.2	.1	.5	.6	.2				.1						17	17						
78/ 77					.8	.2	.5	.1	.3	.1								19	19						
76/ 75			.1	.6	1.8	.8	1.2	1.0	.6									57	57		1				
74/ 73		.1	.4	.8	.9	1.5	2.3	1.0	.3									67	67		1				
72/ 71			.3	1.2	1.0	1.6	1.6	.4	.5									62	63		5				
70/ 69		.1	.6	1.7	2.8	4.1	1.5	.8		.2								110	110		24				
68/ 67		.1	1.1	.8	2.8	3.1	1.6	.5	.4	.2								99	99		41				
66/ 65	.1	.9	1.3	1.7	4.0	2.4	2.4	.4	.1	.3								126	126		44				
64/ 63		.5	1.0	2.5	2.8	5.1	1.7	1.1	.2	.2								140	140		87				
62/ 61		.6	.9	.4	2.6	1.2	.3	.3		.1								60	60		125				
60/ 59	.6	1.2	.4	1.3	1.2	2.2	1.1											74	74		126				
58/ 57	.1	.3	.2	.4	1.2	1.1	.3											34	34		125				
56/ 55			.3	1.2	1.0	1.4		.1										37	37		93				
54/ 53			.3	.2	.1	.1		.1										8	8		87				
52/ 51				.1														1	1		45				
50/ 49			.1			.2												3	3		55				
48/ 47		.1		.1	.2	.1												5	5		35				
46/ 45		.1		.2	.1													4	4		21				
44/ 43																					4				
42/ 41																					2				
40/ 39																					8				
38/ 37																									
36/ 35																									
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
24/ 23																									
22/ 21																									
20/ 19																									
TOTAL	.9	4.1	7.1	13.5	23.3	25.6	15.9	6.2	2.6	1.2	.1							929		930	929				
Element (X)	Σ X'		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	3415673		54751		58.914.245		929		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total				
Dry Bulb	4135527		61747		66.4 6.213		930						43.8		16.6		.7				93				
Wet Bulb	3148180		53784		57.9 6.087		929						7.2		.2						93				
Dew Point	2477656		47290		50.9 8.710		929				2.5		1.2		.1						93				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

OCT

YEARS

MONTH

1500-1700

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
82/ 81						.2		.2	.2									6	6					
81/ 79					.3	.4	.4	.3			.1							15	15					
78/ 77				.3	1.0	.8	.6		.1									26	26					
76/ 75		.1		.5	1.3	1.4	.8	1.1										48	48					
74/ 73		.1	.1	1.0	.6	.9	2.5	.3	.2	.1								54	54	2				
72/ 71			.4	.5	1.4	1.5	1.9	.9	.4	.1								67	67	8				
70/ 69		.2	.8	1.1	3.3	4.6	1.8	.6	.3									119	119	21				
68/ 67			1.4	1.7	2.4	1.8	1.7	.1										85	85	40				
66/ 65		.1	1.5	2.8	4.8	3.0	2.6	.3		.1								142	142	46				
64/ 63	.2	.3	1.0	3.7	1.8	3.8	1.4	1.6	.2									130	130	80				
62/ 61	.3	.5	.9	1.3	1.5	1.7	1.0											67	67	143				
61/ 59	.2	.8	.6	1.4	1.6	1.6	.2	.1										61	61	128				
58/ 57	.5	.4	.3	.6	2.6	1.0	.4	.1										56	56	131				
56/ 55		.2		.5	.6	.5	.2	.1										21	21	88				
54/ 53			.1	.2	.8	.2	.2											14	14	72				
52/ 51		.1			.4													6	6	49				
51/ 49			.2	.1	.1	.2												6	6	59				
48/ 47					.1													1	1	23				
46/ 45				.3	.2													4	4	23				
44/ 43				.1														1	1	7				
42/ 41			.1															1	1	2				
40/ 39																				7				
38/ 37																				1				
36/ 35																								
34/ 33																				8				
32/ 31																				4				
30/ 29																				8				
28/ 27																				4				
26/ 25																				3				
24/ 23																				1				
TOTAL	1.5	2.9	7.5	16.1	24.9	23.7	15.8	5.8	1.5	.3	.1							930	930	930				
Element (X)	Σ x ²		Σ x		Σ		σ _x		No. Obs.															

PSYCHROMETRIC SUMMARY

OCT

MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT

MONTH

2100-2300

HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KC

68-70,73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71					.1														1	1				
70/ 69						.1													1	1				
66/ 65		.3																	3	3				
64/ 63		.2	.3	.8	.3	.7	.1	.1											23	23	4	2		
62/ 61			.1	.6	.8		.3												16	16	4	1		
60/ 59	.3	.2	1.0	.9	1.1	.3	.1												36	36	5	7		
58/ 57		.6	1.1	2.6	1.0	.4	.3												54	54	12	1		
56/ 55		1.6	1.8	3.1	1.0	.2													69	69	20	8		
54/ 53	.2	1.4	3.0	1.7	.9	.4													69	69	56	20		
52/ 51	.4	1.3	3.1	1.6	1.0	.2	.1												70	70	71	37		
50/ 49	.6	1.7	2.6	.7	1.1	.3													62	62	93	48		
48/ 47	.2	1.9	1.6	1.4	1.0	.2													57	57	69	45		
46/ 45	.6	1.8	2.3	2.1	1.3	.7	.2												81	81	71	88		
44/ 43	.4	1.7	2.6	2.6	.8	.3													75	75	60	64		
42/ 41	.4	.9	1.9	1.3	.8	.2													50	50	59	58		
40/ 39	.3	1.3	2.1	1.6	1.0														56	56	71	51		
38/ 37	.2	1.6	3.3	2.0	.3														66	66	60	45		
36/ 35	.1	1.6	2.2	.9	.1														44	44	59	58		
34/ 33	.7	1.7	.4	.8	.1														33	33	87	60		
32/ 31	.2	1.2	.6	.7															19	19	53	58		
30/ 29	.2		.1																3	3	21	71		
28/ 27			.7																6	6	10	53		
26/ 25		.1	.2																3	3	3	25		
24/ 23			.1																1	1	7	21		
22/ 21			.1																1	1	3	17		
20/ 19		.1																	1	1	2	21		
18/ 17																						17		
16/ 15																						8		
14/ 13																						7		
12/ 11																						6		
10/ 9																						3		
TOTAL	4.9	20.9	31.2	24.8	12.7	4.2	1.2	.1											900	900	900	900		
Element (X)	Σx²		Σx		X	Σx		Σx		Σx		Σx		Σx		Σx		Σx		Σx		Σx		
Rel. Hum.	4668920		63303		70.3	15.520		900		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total		
Dry Bulb	2051635		42265		47.0	8.622		900				3.4		.2								90		
Wet Bulb	1698498		38400		42.7	8.176		900				9.9										90		
Dew Point	1340081		33489		37.2	10.223		900				30.7										90		

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

NOV

YEARS

1200-1400

[illegible]

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219
STATION

KUNSAN AB KO
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
76/ 75						.2															2	2														
74/ 73					.1																1	1														
72/ 71				.1					.1												2	2														
70/ 69			.2			.2	.3	.1	.1												9	9														
68/ 67			.2		.2																4	4	1													
66/ 65			.3	.1	.4	.4	.4	.1													17	17	6													
64/ 63		.3	.1	.9	.6	2.2	.9	.2													47	47	2	6												
62/ 61		.3	.8	.9	2.3	.8	.8		.1												54	54	11	3												
60/ 59		.2	1.4	3.3	3.1	1.0	.7		.1												89	89	8	8												
58/ 57		.7	1.1	3.7	1.3	1.9	.2														80	80	27	5												
56/ 55		1.7	1.8	1.6	1.2	.9															64	64	40	12												
54/ 53	.1	1.1	1.2	1.3	2.1	.7	.1	.1													61	61	102	26												
52/ 51		.3	1.0	1.1	2.4	.7	.3														53	53	97	38												
50/ 49	.2	.2	.4	2.1	1.9	.6	.3	.2													54	54	61	37												
48/ 47	.2	.6	.7	2.2	1.8	1.0															58	58	65	71												
46/ 45	.1	1.1	2.7	2.9	4.1	1.1	.1														109	109	63	81												
44/ 43		.6	1.7	2.3	.6	.4															50	50	73	49												
42/ 41	.1	.6	1.7	3.2	.7	.3															59	59	73	60												
40/ 39		.3	1.0	2.1	.4																35	35	71	50												
38/ 37	.1	.6	.9	.9	.2																24	24	71	62												
36/ 35	.3	.1	.9																		12	12	51	87												
34/ 33		.2		.2																	4	4	42	46												
32/ 31			.2																		2	2	20	24												
30/ 29			.6																		5	5	5	58												
28/ 27		.4																			4	4	2	56												
26/ 25																							8	45												
24/ 23																								32												
22/ 21																								14												
20/ 19																								11												
18/ 17																								4												
16/ 15																								9												
14/ 13																								2												
12/ 11																								1												
10/ 9																								2												
Element (X)	Σ X ²			Σ X			Σ			Σ _n			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 30 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV
MONTH

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

HOURS (L, S, Y.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO
STATION

68-70, 73-79

DEC

PAGE 1 0300-0500

1938 (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]0-26-5 (OL 1)
 SEVERAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70, 73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1200-1400

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO 68-70,73-79 YEARS DEC
STATION MONTH
PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
64/ 63					.1													3	3					
62/ 61				.1	.1			.1										6	6					
60/ 59				.2	.1			.1										8	8					
58/ 57		.2	.3	.6														11	11					
56/ 55		.8	.9	.6	.1	.1												23	23	6				
54/ 53		.2	1.0	1.3	.6		.1											30	30	18	4			
52/ 51	.3	1.2	.9	.8	.3	.2												32	32	23	11			
50/ 49		.5	1.0	1.3	.1	.3	.2											32	32	39	9			
48/ 47	.2	1.3	2.4	2.0	.9	.3												66	66	21	28			
46/ 45		1.5	5.1	4.6	2.9	.6	.1											134	134	53	41			
44/ 43		.8	2.3	2.6	.8	.2												61	61	56	23			
42/ 41	.1	1.4	3.0	5.7	1.6	.3												113	113	80	39			
40/ 39	.1	1.4	3.0	4.5	1.3	.1												97	97	73	39			
38/ 37		.9	3.1	2.8	.4													67	67	100	55			
36/ 35	.1	.9	2.8	2.0	.2													56	56	86	56			
34/ 33	.1	.8	1.6	2.2	.6													49	49	97	59			
32/ 31	.1	.8	1.1	1.1	.1													29	29	88	30			
30/ 29	.2	1.7	1.7	.6														40	40	49	70			
28/ 27	.6	.9	1.2															25	25	52	110			
26/ 25	.5	.9	.1															16	16	39	82			
24/ 23		1.2	.4	.1														16	16	16	68			
22/ 21	.2	.4																6	6	16	47			
20/ 19		.5																5	5	8	42			
18/ 17		.1																1	1	5	45			
16/ 15	.2	.2																3	3	2	30			
14/ 13																				2	13			
12/ 11																					5			
10/ 9																					16			
8/ 7																					5			
6/ 5																					1			
4/ 3																					1			
TOTAL	2.8	18.4	32.0	33.0	10.7	2.9	.4	.2										929	929		929			
																		929		929				
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature					Total								
Rel. Hum	4230793		61241		65.9		14.447		929		$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total							
Dry Bulb	1634984		38190		41.1		8.372		929			14.1					93							
Wet Bulb	1313477		34154		36.8		7.894		929								93							
Dew Point	926465		27877		30.0		9.846		929			56.6					93							

FORM 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

43219 KUNSAN AB KO

68-70, 73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

MOUSE (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>43219</u>	<u>KUNSAN AB KO</u>
STATION	STATION NAME

68-70, 73-79

DEC

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43219

KUNSAN AB KO

68-70, 73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

ALL

MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97							.0		.0									4	4					
96/ 95							.0	.0	.0									21	21					
94/ 93					.0	.0	.0	.0	.0									54	54					
92/ 91				.0	.0	.1	.1	.0	.0	.0								136	136					
90/ 89			.0	.0	.1	.1	.1	.0	.0	.0								346	346					
88/ 87		.0	.0	.1	.3	.3	.1	.0	.0	.0								716	716					
86/ 85			.1	.2	.4	.2	.1	.0	.0	.0								839	839	13				
84/ 83	.0	.1	.3	.7	.3	.1	.1	.0	.0	.0	.0							1398	1398	156	10			
82/ 81	.0	.4	1.1	1.4	.4	.2	.2	.1	.0	.0	.0							3371	3371	671	326			
80/ 79	.1	.4	1.1	.8	.3	.4	.1	.1	.1	.0	.0	.0						2825	2825	1769	989			
78/ 77	.2	.8	1.1	.9	.5	.2	.2	.1	.0	.0	.0	.0						3491	3492	2765	2144			
76/ 75	.3	.8	.8	.7	.5	.2	.2	.1	.1	.0	.0	.0	.0					3107	3107	3601	2994			
74/ 73	.3	.6	.6	.9	.4	.2	.2	.1	.0	.0								2899	2899	2950	3202			
72/ 71	.3	.5	.9	.6	.4	.2	.1	.1	.0	.0								2748	2749	2691	2249			
70/ 69	.3	.6	1.4	.5	.5	.4	.1	.1	.0	.0								3316	3316	2878	2385			
68/ 67	.1	.3	1.2	.4	.5	.2	.1	.0	.0	.0								2612	2612	3345	2010			
66/ 65	.2	1.0	.8	.6	.4	.2	.2	.0	.0	.0								3076	3076	3205	2697			
64/ 63	.3	1.4	1.0	1.1	.8	.5	.1	.1	.0	.0								4381	4381	3352	4194			
62/ 61	.2	.8	.9	.5	.5	.2	.1	.0	.0	.0	.0							2883	2883	3458	2905			
60/ 59	.3	1.0	.9	.7	.5	.2	.1	.0	.0	.0								3255	3255	3106	3330			
58/ 57	.2	.8	.7	.7	.5	.2	.1	.0	.0	.0								2668	2668	3247	2694			
56/ 55	.1	.8	.8	.6	.3	.1	.0	.0	.0									2550	2550	2763	2801			
54/ 53	.2	.7	1.0	.5	.4	.1	.0	.0	.0									2425	2426	2999	2604			
52/ 51	.1	.5	.9	.4	.3	.1	.0	.0	.0									1968	1968	2777	2325			
50/ 49	.1	.6	.6	.5	.2	.1	.0	.0	.0									1908	1908	3005	2226			
48/ 47	.2	.9	.7	.6	.2	.1	.0	.0	.0									2307	2307	2509	2616			
46/ 45	.2	1.2	1.3	.8	.4	.1	.0											3513	3513	2755	3628			
44/ 43	.3	.9	1.1	.8	.2	.1												2820	2820	2609	2361			
42/ 41	.3	1.4	1.4																					

PSYCHROMETRIC SUMMARY

43219

KLNSAN AP KO

68-70, 73-80

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE, IAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43219 KUNSAN AB KO

68-70,73-80

STATION		STATION NAME												YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL												
PC-C2	MEAN	29.7	32.2	38.0	49.7	58.5	66.5	75.3	77.5	68.8	57.1	44.3	35.3	52.9												
	S D	7.461	7.194	5.903	6.117	4.553	4.215	4.662	3.881	6.190	6.672	7.797	7.805	17.408												
	TOTAL OBS	927	846	927	900	930	898	930	930	900	930	900	930	10948												
03-05	MEAN	28.6	30.9	36.9	48.5	57.3	65.6	74.6	76.6	67.4	55.3	42.9	34.2	51.7												
	S D	7.752	7.700	6.149	6.346	4.842	4.374	4.726	3.995	6.694	7.018	7.948	7.821	17.580												
	TOTAL OBS	927	846	927	900	928	900	930	930	900	930	899	930	10947												
06-08	MEAN	27.7	30.1	36.5	48.9	58.5	66.6	75.1	76.8	67.1	54.7	42.1	33.2	51.6												
	S D	8.076	7.783	6.326	6.559	4.967	4.329	4.978	4.213	6.579	7.058	8.243	8.042	18.096												
	TOTAL OBS	927	846	927	900	930	900	930	930	899	930	900	930	10949												
09-11	MEAN	30.5	33.7	42.1	55.5	64.7	71.4	79.2	81.7	73.1	61.6	47.0	36.3	56.5												
	S D	8.187	7.790	6.627	6.436	5.201	4.499	5.857	4.199	5.719	6.457	8.622	8.395	18.657												
	TOTAL OBS	930	846	929	900	927	899	930	930	899	929	900	930	10949												
12-14	MEAN	34.0	37.5	45.5	58.2	66.9	73.1	81.0	84.1	76.5	66.4	51.9	40.7	59.8												
	S D	8.139	8.111	7.029	6.695	5.669	4.920	6.037	4.351	5.345	6.213	8.891	8.799	18.066												
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955												
15-17	MEAN	35.3	37.8	44.9	57.3	66.2	72.8	80.8	84.0	76.5	66.2	51.5	41.1	59.6												
	S D	7.667	7.792	6.572	6.585	5.477	4.808	5.743	4.317	5.334	6.331	8.513	8.372	17.808												
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	899	929	10953												
18-20	MEAN	32.7	35.0	41.3	53.5	62.6	69.7	78.2	80.8	72.9	61.8	47.7	38.1	56.3												
	S D	7.169	7.041	6.139	5.302	4.949	4.444	5.203	3.905	5.284	6.180	7.686	7.742	17.572												
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	899	929	10954												
21-23	MEAN	31.2	33.6	39.5	51.3	60.2	67.6	76.3	78.7	70.4	59.3	45.7	36.4	54.3												
	S D	7.204	6.819	5.798	5.979	4.439	4.116	4.735	3.707	5.503	6.523	7.751	7.780	17.309												
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	899	930	10954												
ALL HOURS	MEAN	31.3	33.8	40.6	52.9	61.9	69.2	77.6	80.0	71.6	60.3	46.6	36.9	55.3												
	S D	8.127	7.988	7.101	7.304	6.139	5.280	5.780	4.985	6.828	7.808	8.869	8.534	18.079												
	TOTAL OBS	7434	6767	7430	7200	7435	7197	7440	7440	7198	7439	7196	7437	87609												

USAFETAC FORM 0895 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43219 KUNSAN AB KO

68-70, 73-80

STATION		STATION NAME												YEARS	
HRS. LST.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	27.8	30.0	35.6	46.5	55.3	63.7	72.5	74.2	65.4	53.5	41.3	32.8	50.0	
	S D	7.252	7.360	6.046	6.063	4.792	4.432	4.556	3.900	6.145	6.522	7.780	7.532	17.084	
	TOTAL OBS	927	846	927	900	930	898	930	930	900	930	900	930	10948	
03-05	MEAN	26.8	28.9	34.7	45.7	54.6	63.3	72.1	73.6	64.5	52.2	40.3	32.0	49.2	
	S D	7.471	7.713	6.268	6.188	5.017	4.564	4.564	4.060	6.486	6.814	7.856	7.571	17.288	
	TOTAL OBS	927	846	927	900	928	900	930	930	900	930	897	930	10945	
06-08	MEAN	26.0	28.2	34.3	46.0	55.3	63.7	72.3	73.6	64.2	51.6	39.5	31.3	48.9	
	S D	7.749	7.827	6.326	6.289	4.937	4.419	4.670	4.155	6.369	6.905	8.029	7.774	17.627	
	TOTAL OBS	927	846	927	900	930	900	930	930	899	930	900	929	10948	
09-11	MEAN	28.2	31.0	38.2	50.0	58.9	66.2	74.4	75.7	67.4	55.8	42.7	33.5	51.9	
	S D	7.822	7.731	6.363	5.836	4.438	4.177	4.864	3.914	5.720	6.252	8.176	8.035	17.497	
	TOTAL OBS	930	846	929	900	927	899	930	930	899	929	900	930	10949	
12-14	MEAN	31.1	33.6	40.2	51.6	59.9	67.0	75.2	76.6	68.6	57.9	45.6	36.5	53.7	
	S D	7.661	7.772	6.499	5.727	4.464	4.192	4.684	3.880	5.547	6.087	8.166	8.202	16.768	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	899	929	10953	
15-17	MEAN	31.8	33.9	40.0	51.1	59.5	66.9	75.2	76.7	68.6	58.0	45.5	36.8	53.8	
	S D	7.363	7.427	6.177	5.662	4.520	4.150	4.581	3.708	5.510	6.095	7.880	7.894	16.594	
	TOTAL OBS	929	846	930	900	930	900	930	930	899	930	899	929	10952	
18-20	MEAN	30.1	32.0	37.8	48.8	57.5	65.3	73.8	75.4	67.0	56.1	43.5	34.8	51.9	
	S D	7.060	7.133	6.109	5.795	4.607	4.296	4.483	3.664	5.539	6.283	7.667	7.579	16.730	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	899	929	10954	
21-23	MEAN	29.0	31.0	36.7	47.6	56.4	64.4	73.1	74.6	66.1	54.6	42.2	33.5	50.9	
	S D	7.053	7.076	5.888	5.893	4.604	4.390	4.390	3.808	5.847	6.526	7.751	7.559	16.857	
	TOTAL OBS	930	843	930	900	930	900	930	930	900	930	899	930	10952	
ALL HOURS	MEAN	28.9	31.1	37.2	48.4	57.2	65.1	73.6	75.1	66.5	55.0	42.6	33.9	51.3	
	S D	7.673	7.750	6.555	6.322	5.059	4.549	4.746	4.059	6.121	6.824	8.180	7.990	17.149	
	TOTAL OBS	7430	6765	7430	7200	7435	7197	7440	7440	7197	7438	7193	7436	87601	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43219 KUNSAN AB KO

68-70,73-80

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	23.3	25.2	31.7	42.9	52.6	61.9	71.2	72.6	63.3	50.3	37.3	28.2	46.8
	S D	8.947	9.834	7.960	7.409	6.007	5.346	4.960	4.512	6.891	7.784	9.458	9.110	18.673
	TOTAL OBS	927	846	927	900	930	898	930	930	900	930	900	930	10948
03-05	MEAN	22.4	24.2	31.1	42.5	52.2	61.7	70.8	72.2	62.6	49.4	36.6	27.9	46.3
	S D	8.999	10.016	8.118	7.282	6.147	5.370	4.903	4.649	7.079	7.922	9.378	9.031	18.826
	TOTAL OBS	927	846	927	900	928	900	970	930	900	930	897	930	10945
16-08	MEAN	21.6	23.6	30.8	42.7	52.6	61.9	70.9	72.0	62.2	48.8	35.8	27.4	46.0
	S D	9.240	10.081	8.028	7.341	6.086	5.322	4.998	4.743	7.038	7.958	9.541	9.139	19.357
	TOTAL OBS	927	846	927	900	930	900	930	930	899	930	900	929	10948
15-11	MEAN	23.1	25.4	32.4	44.5	54.2	63.0	72.3	73.1	64.0	50.8	37.2	28.7	47.5
	S D	9.626	10.264	8.579	7.736	6.272	5.523	5.215	4.817	7.124	8.357	10.223	9.622	19.333
	TOTAL OBS	930	846	929	900	927	899	930	930	899	929	900	930	10949
12-14	MEAN	24.4	26.4	32.8	45.3	54.5	63.4	72.6	73.4	64.0	50.9	38.2	29.9	48.1
	S D	9.767	10.488	8.805	7.839	6.628	5.533	5.052	5.054	7.447	8.710	10.275	10.162	18.897
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	899	929	10953
15-17	MEAN	25.2	27.0	33.2	45.1	54.3	63.4	72.8	73.6	64.0	51.2	38.4	30.0	48.3
	S D	9.644	9.907	8.384	7.536	6.551	5.520	4.935	4.804	7.395	8.333	10.000	9.846	18.655
	TOTAL OBS	929	846	930	900	930	900	930	930	899	930	899	929	10952
13-20	MEAN	24.9	26.2	32.5	44.0	53.4	62.4	71.8	72.9	63.5	51.2	38.2	29.4	47.7
	S D	9.160	9.748	8.173	7.347	6.235	5.573	4.846	4.350	6.967	8.179	9.683	9.376	18.464
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	859	929	10954
21-23	MEAN	24.3	25.9	32.4	43.5	53.2	62.3	71.5	72.7	63.3	50.6	37.7	28.5	47.3
	S D	8.911	9.762	7.775	7.426	6.008	5.437	4.780	4.600	6.951	8.105	9.574	9.255	18.528
	TOTAL OBS	930	843	930	900	930	900	930	930	900	930	899	930	10952
ALL HOURS	MEAN	23.6	25.5	32.1	43.8	53.4	62.5	71.7	72.8	63.4	50.4	37.4	28.7	47.2
	S D	9.362	10.069	8.269	7.556	6.297	5.489	5.010	4.747	7.137	8.211	9.804	9.487	18.796
	TOTAL OBS	7430	6765	7430	7200	7435	7197	7440	7440	7197	7438	7193	7436	87601

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KO

69-70,73-80

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.9	98.9	69.0	66.7	45.3	19.8	77.6	927
	03-05	100.0	100.0	100.0	100.0	98.8	92.1	68.5	47.9	20.3	78.1	927
	06-08	100.0	100.0	100.0	100.0	98.9	91.3	70.2	46.1	20.2	78.3	927
	09-11	100.0	100.0	100.0	100.0	96.1	83.2	60.8	36.3	14.1	74.6	930
	12-14	100.0	100.0	99.9	98.8	89.7	67.5	37.5	17.6	5.1	67.2	930
	15-17	100.0	100.0	99.9	98.7	89.7	67.0	36.2	18.2	5.0	67.3	929
	18-20	100.0	100.0	100.0	99.9	96.8	84.1	55.9	32.9	10.0	73.4	930
	21-23	100.0	100.0	100.0	100.0	98.8	87.1	62.5	39.6	16.9	76.1	930
TOTALS		100.0	100.0	100.0	99.7	96.0	82.7	57.3	35.5	13.9	74.1	7430

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KO

69-70,73-80

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.9	97.2	84.3	63.9	41.6	18.6	76.2	846
	03-05	100.0	100.0	100.0	100.0	96.8	87.7	64.2	43.4	18.4	76.6	846
	06-08	100.0	100.0	100.0	99.6	97.0	89.1	67.1	45.0	21.5	77.5	846
	09-11	100.0	100.0	99.8	98.6	91.5	78.0	52.0	33.1	15.8	72.6	846
	12-14	100.0	100.0	98.9	95.5	83.9	61.0	35.1	19.3	7.9	65.7	846
	15-17	100.0	100.0	99.5	96.0	84.3	66.3	35.0	19.1	6.9	66.4	846
	18-20	100.0	100.0	100.0	98.9	92.9	76.6	49.4	27.0	11.2	71.4	846
	21-23	100.0	100.0	100.0	99.6	95.7	80.3	56.8	37.0	14.4	74.1	843
TOTALS		100.0	100.0	99.8	98.5	92.4	77.9	52.9	33.2	14.3	72.6	6765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KO

68-70,73-79

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.9	98.7	89.3	70.7	51.0	22.3	78.8	927
	03-05	100.0	100.0	100.0	100.0	98.1	90.1	74.6	57.5	26.8	80.1	927
	06-08	100.0	100.0	100.0	99.8	98.1	90.6	74.4	57.5	27.5	80.4	927
	09-11	100.0	100.0	99.7	97.7	88.8	71.4	45.7	27.1	11.1	69.9	929
	12-14	100.0	100.0	99.1	94.3	77.4	52.4	27.7	12.5	6.1	62.8	930
	15-17	100.0	100.0	99.7	97.1	81.9	59.5	33.5	15.1	7.3	65.1	930
	18-20	100.0	100.0	100.0	99.4	94.1	77.3	48.7	29.2	11.7	71.9	930
	21-23	100.0	100.0	100.0	100.0	98.1	87.5	62.3	41.9	19.0	76.6	930
TOTALS		100.0	100.0	99.8	98.5	91.9	77.3	54.7	36.5	16.5	73.2	7430

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KO

68-70,73-79

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.3	98.6	91.0	73.7	44.3	17.8	78.2	900
	03-05	100.0	100.0	100.0	99.8	98.1	94.2	81.0	52.1	22.9	80.6	900
	06-08	100.0	100.0	100.0	99.9	98.1	93.2	79.4	49.1	20.2	79.7	900
	09-11	100.0	100.0	99.4	96.2	87.8	67.1	44.8	23.9	8.8	68.2	900
	12-14	100.0	100.0	98.6	92.6	79.0	54.6	37.2	17.8	7.8	64.3	900
	15-17	100.0	100.0	99.6	94.9	82.3	59.9	39.7	18.1	7.0	65.7	900
	18-20	100.0	100.0	99.9	98.6	92.6	75.4	56.0	26.3	10.7	71.5	900
	21-23	100.0	100.0	99.9	99.3	97.0	87.0	66.7	36.1	13.7	75.6	900
TOTALS		100.0	100.0	99.7	97.6	91.7	77.8	59.8	33.5	13.6	73.0	7200

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KO

68-70,73-79

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	98.8	94.4	85.5	53.7	22.9	81.2	930
	03-05	100.0	100.0	100.0	99.6	98.6	96.1	90.4	64.3	29.6	83.7	928
	06-08	100.0	100.0	100.0	99.4	97.7	94.4	85.6	55.6	24.0	81.6	930
	09-11	100.0	100.0	99.4	95.8	89.4	74.4	52.5	26.2	9.0	70.4	927
	12-14	100.0	100.0	98.7	92.6	82.2	64.0	42.7	21.3	7.2	66.5	930
	15-17	100.0	100.0	99.5	94.4	84.5	65.7	45.7	20.1	6.8	67.3	930
	18-20	100.0	100.0	99.8	98.7	94.1	79.7	60.5	31.7	10.4	72.9	930
	21-23	100.0	100.0	100.0	99.9	97.5	91.1	79.1	46.0	15.9	78.6	930
TOTALS		100.0	100.0	99.7	97.6	92.9	82.5	67.8	39.9	15.7	75.3	7435

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KO

68-70,73-79

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	98.8	94.4	85.5	53.7	22.9	81.2	930
	03-05	100.0	100.0	100.0	99.6	98.6	96.1	90.4	64.3	29.6	83.7	928
	06-08	100.0	100.0	100.0	99.4	97.7	94.4	85.6	55.6	24.0	81.6	930
	09-11	100.0	100.0	99.4	95.8	89.4	74.4	52.5	26.2	9.0	70.4	927
	12-14	100.0	100.0	98.7	92.6	82.2	64.0	42.7	21.3	7.2	66.5	930
	15-17	100.0	100.0	99.5	94.4	84.5	65.7	45.7	20.1	6.8	67.3	930
	18-20	100.0	100.0	99.8	98.7	94.1	79.7	60.5	31.7	10.4	72.9	930
	21-23	100.0	100.0	100.0	99.9	97.5	91.1	79.1	46.0	15.9	78.6	930
TOTALS		100.0	100.0	99.7	97.6	92.9	82.5	67.8	39.9	15.7	75.3	7435

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

JUN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.3	97.6	91.6	75.3	33.2	85.6	898
	03-05	100.0	100.0	100.0	100.0	99.9	97.4	93.0	82.3	43.7	87.6	900
	06-08	100.0	100.0	100.0	100.0	99.7	96.2	89.3	75.1	34.9	85.3	900
	09-11	100.0	100.0	100.0	99.2	96.1	85.8	70.6	39.7	11.2	76.0	899
	12-14	100.0	100.0	99.9	99.0	93.8	79.6	58.9	28.9	10.0	72.7	900
	15-17	100.0	100.0	99.7	99.2	94.1	82.0	60.1	32.2	11.6	73.5	900
	18-20	100.0	100.0	99.8	99.8	97.3	90.7	73.9	47.9	19.3	78.5	900
	21-23	100.0	100.0	100.0	99.9	99.3	96.2	88.4	67.8	26.9	83.7	900
TOTALS		100.0	100.0	99.9	99.6	97.4	90.7	78.2	56.2	23.9	80.4	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

RELATIVE HUMIDITY

43219 KUNSAN AB KO

68-70, 73-79

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.8	98.1	81.0	29.6	87.0	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.2	85.3	35.8	88.0	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.2	79.8	30.9	86.7	930
	09-11	100.0	100.0	100.0	100.0	99.7	97.5	81.4	42.7	13.2	79.7	930
	12-14	100.0	100.0	100.0	100.0	99.1	93.1	70.2	29.0	10.1	76.3	930
	15-17	100.0	100.0	100.0	100.0	99.5	94.5	74.0	33.0	7.2	77.0	930
	18-20	100.0	100.0	100.0	100.0	100.0	98.3	88.0	51.2	14.1	81.2	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	95.6	72.4	22.8	85.1	930
TOTALS		100.0	100.0	100.0	100.0	99.8	97.8	87.8	59.3	20.5	82.6	7440

USAFETAC

FORM
AA 44

0-87-5 (DL A)

RELATIVE HUMIDITY

STATION NAME

PERIOD

AUG
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.1	93.4	71.1	25.7	85.0	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.7	95.4	74.3	31.2	86.1	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.1	92.9	68.0	28.7	85.1	930
	09-11	100.0	100.0	100.0	100.0	99.7	91.2	66.8	31.6	6.8	75.8	930
	12-14	100.0	100.0	100.0	99.7	96.5	79.9	48.3	18.2	5.9	70.9	930
	15-17	100.0	100.0	100.0	99.7	96.3	82.9	50.0	20.0	5.2	71.7	930
	18-20	100.0	100.0	100.0	100.0	99.6	93.1	72.5	35.6	8.6	77.3	930
	21-23	100.0	100.0	100.0	100.0	99.8	97.8	88.1	57.2	17.6	82.1	930
TOTALS		100.0	100.0	100.0	99.9	99.0	92.7	75.9	47.1	16.2	79.3	7440

RELATIVE HUMIDITY

SEP
MON

RELATIVE HUMIDITY

43219
STATION

STATION NAME

68-70, 73-79

MI105

CCT

MONTH

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KC 68-70,73-79 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.9	97.0	86.0	66.8	45.1	21.4	77.4	900
	03-05	100.0	100.0	100.0	99.9	97.0	89.5	73.0	47.8	23.5	78.9	897
	06-08	100.0	100.0	100.0	100.0	98.1	88.3	71.9	51.1	25.8	79.1	900
	09-11	100.0	100.0	99.8	97.2	88.2	71.9	51.1	27.8	5.4	70.3	900
	12-14	100.0	100.0	99.3	91.9	75.2	47.9	27.3	5.9	4.0	61.1	899
	15-17	100.0	99.8	99.3	94.9	77.6	50.7	28.6	13.1	3.8	62.4	899
	18-20	100.0	100.0	99.8	99.2	93.5	72.7	48.8	25.0	8.2	70.5	899
	21-23	100.0	100.0	100.0	99.8	95.6	82.2	62.0	35.9	14.6	74.6	899
TOTALS		100.0	100.0	99.8	97.9	90.3	73.7	53.7	31.8	13.8	71.8	7193

RELATIVE HUMIDITY

DEC 1 1964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219
STATION

KLASAN AB KC

STATION NAME

68-70,73-80

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.7	96.0	82.7	57.3	35.5	13.9	74.1	7430
FEB		100.0	100.0	99.8	98.5	92.4	77.9	52.9	33.2	14.3	72.6	565
MAR		100.0	100.0	99.8	98.5	91.9	77.3	54.7	36.5	16.5	73.2	7430
APR		100.0	100.0	99.7	97.6	91.7	77.8	59.8	33.5	13.6	73.0	7200
MAY		100.0	100.0	99.7	97.6	92.9	82.5	67.8	39.9	15.7	75.3	7435
JUN		100.0	100.0	99.9	99.6	97.4	90.7	78.2	56.2	23.9	80.4	7197
JUL		100.0	100.0	100.0	100.0	99.8	97.8	87.8	59.3	20.5	82.0	7440
AUG		100.0	100.0	100.0	99.9	99.0	92.7	75.9	47.1	16.2	79.3	7440
SEP		100.0	100.0	100.0	99.4	95.6	87.2	68.8	41.3	13.6	76.2	7197
OCT		100.0	100.0	99.6	97.4	92.9	73.6	56.1	30.7	11.5	71.0	7438
NOV		100.0	100.0	99.8	97.9	90.3	73.7	53.7	31.8	13.8	71.0	7193
DEC		100.0	100.0	99.8	98.7	94.1	79.9	56.5	35.4	13.8	73.5	7436
TOTALS		100.0	100.0	99.8	98.7	94.3	82.8	64.1	40.0	15.6	75.3	87601

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

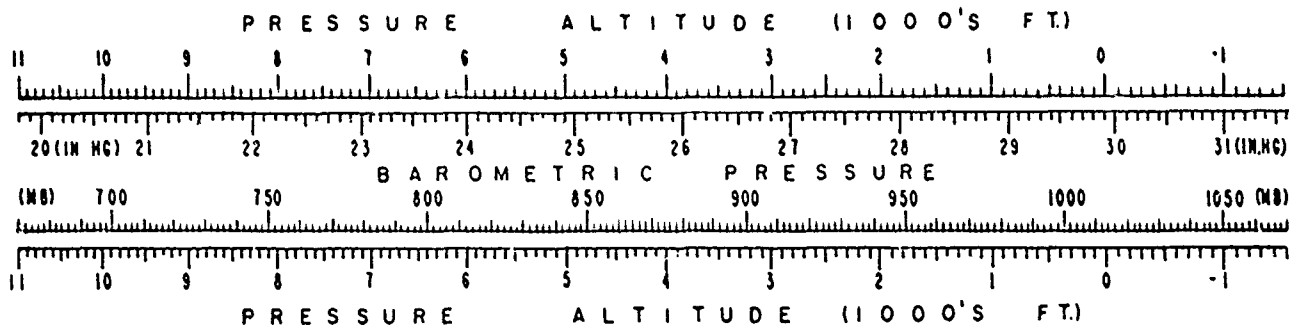
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

43219 KUNSAN AB KO

68-70,73-80

STATION		STATION NAME										YEARS											
HRS IL ST I		JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP.	OCT	NOV	DEC	ANNUAL									
00	MEAN	30.1983	30.1733	30.1072	29.9672	29.8522	29.7422	29.7022	29.7382	29.8863	30.0603	30.1903	30.2223	29.9853									
	S D	.148	.171	.144	.161	.143	.129	.116	.139	.113	.137	.140	.141	.235									
	TOTAL OBS	308	282	309	300	310	299	310	309	300	310	300	309	3646									
03	MEAN	30.1983	30.1703	30.0992	29.9522	29.8392	29.7282	29.6882	29.7252	29.8753	30.0543	30.1853	30.2203	29.9773									
	S D	.150	.174	.147	.164	.144	.133	.121	.142	.117	.143	.144	.144	.241									
	TOTAL OBS	309	282	309	299	310	300	309	309	300	310	299	310	3646									
06	MEAN	30.1893	30.1613	30.0942	29.9532	29.8422	29.7342	29.6932	29.7292	29.8803	30.0573	30.1833	30.2093	29.9763									
	S D	.151	.177	.151	.163	.146	.134	.122	.146	.119	.144	.145	.149	.238									
	TOTAL OBS	308	280	309	300	308	300	309	310	299	310	299	310	3642									
09	MEAN	30.2153	30.1883	30.1212	29.9782	29.8592	29.7482	29.7082	29.7452	29.9023	30.0873	30.2113	30.2343	29.9983									
	S D	.153	.179	.156	.161	.148	.135	.124	.150	.120	.146	.147	.151	.243									
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	309	3650									
12	MEAN	30.2093	30.1853	30.1102	29.9742	29.8512	29.7402	29.7022	29.7402	29.8943	30.0753	30.1953	30.2253	29.9913									
	S D	.156	.175	.158	.159	.144	.131	.123	.150	.118	.143	.146	.155	.242									
	TOTAL OBS	309	281	309	300	310	300	310	307	299	310	299	309	3643									
15	MEAN	30.1633	30.1423	30.0672	29.9372	29.8172	29.7132	29.6782	29.7112	29.8593	30.0313	30.1553	30.1833	29.9543									
	S D	.154	.176	.156	.155	.140	.127	.119	.151	.114	.138	.143	.150	.235									
	TOTAL OBS	309	281	310	299	310	300	308	310	299	308	299	310	3643									
18	MEAN	30.1733	30.1463	30.0622	29.9232	29.8022	29.6982	29.6642	29.7032	29.8603	30.0353	30.1643	30.1993	29.9513									
	S D	.150	.172	.152	.154	.138	.125	.116	.144	.112	.134	.140	.143	.240									
	TOTAL OBS	309	281	310	300	308	300	310	310	300	310	298	310	3646									
21	MEAN	30.1943	30.1663	30.0902	29.9552	29.8322	29.7242	29.6882	29.7302	29.8903	30.0623	30.1853	30.2183	29.9773									
	S D	.149	.173	.145	.156	.138	.124	.116	.138	.112	.133	.140	.141	.237									
	TOTAL OBS	310	281	309	299	309	300	310	309	300	310	300	308	3645									
ALL HOURS	MEAN	30.1923	30.1663	30.0942	29.9552	29.8372	29.7282	29.6902	29.7282	29.8813	30.0583	30.1843	30.2143	29.9763									
	S D	.152	.175	.152	.160	.144	.130	.120	.145	.116	.141	.144	.147	.239									
	TOTAL OBS	2472	2250	2475	2397	2475	2399	2476	2474	2397	2477	2394	2475	29161									